

**SITE  
PRO 1**

A **valmont**  COMPANY



VALMONT SITE PRO 1

# Wireless Site Components 2023 Catalog

[SitePro1.com](https://SitePro1.com)

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TELECOM

The background of the entire page is a grayscale, low-angle photograph of a complex telecommunications tower. The tower's lattice structure is composed of numerous intersecting metal beams, creating a dense web of geometric patterns. Several antenna arrays and other electronic components are visible, attached to different levels of the tower. The perspective is looking up, emphasizing the height and scale of the structure.

# We have several new product innovations to share in the pages ahead.

With this brand new catalog comes a host of new product additions and enhancements, including:

## **PIM Shield™ Interference Mitigation Products**

Our PIM Shield™ products are specifically designed to help reduce interference from passive intermodulation (PIM). These products are located in several sections and can be identified with the **PIM Shield™** logo.

## **Universal Face Pipe Mount Assemblies**

These universal mounts are designed for heavy duty face-mount applications, like large dishes and sector frames. They feature an easily adjustable taper and are compatible with a variety of leg sizes and types. Learn more about these products in the Tower Mounts section.

## **CSRT™ Rooftop Mounts**

Our CSRT™ Modular Rooftop Mounts are now available. The innovative design enables easy setup and transport even to the most difficult-to-access rooftop sites. Using modular components, there are an unlimited amount of configurations and modifications that can be made. Learn more about these products in the Rooftop section.

## **You have our commitment to innovation.**

We are constantly innovating and seeking to provide efficient, cost-effective new technologies that solve our customers' unique challenges.

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We're the backbone of the wireless industry.

Providing critical infrastructure, enhancing connectivity.

We are telecom's premier manufacturer and distributor of wireless site components.

**You need it fast? We've got you covered.**

Our nationwide warehouses are fully stocked and strategically located around the U.S. to facilitate the immediate shipment of your order. With the addition of our latest locations, we reach 99% of the U.S. within a single day.

**Quality you would expect from Valmont.**

Engineered and manufactured to exacting tolerances with comprehensive quality control processes in place, our products are the best quality available anywhere. Period. We build with the contractor in mind; our parts are securely packaged, safe to use, and easy to install.

**We're constantly innovating. It's part of who we are.**

Our engineering and product development teams belong to all prominent telecommunication trade organizations and have a keen eye on new developments and changes to the industry. This foresight enables us to remain at the cutting edge of new developments and challenges, allowing us to provide efficient, cost-effective new technologies that solve our customers' unique challenges.

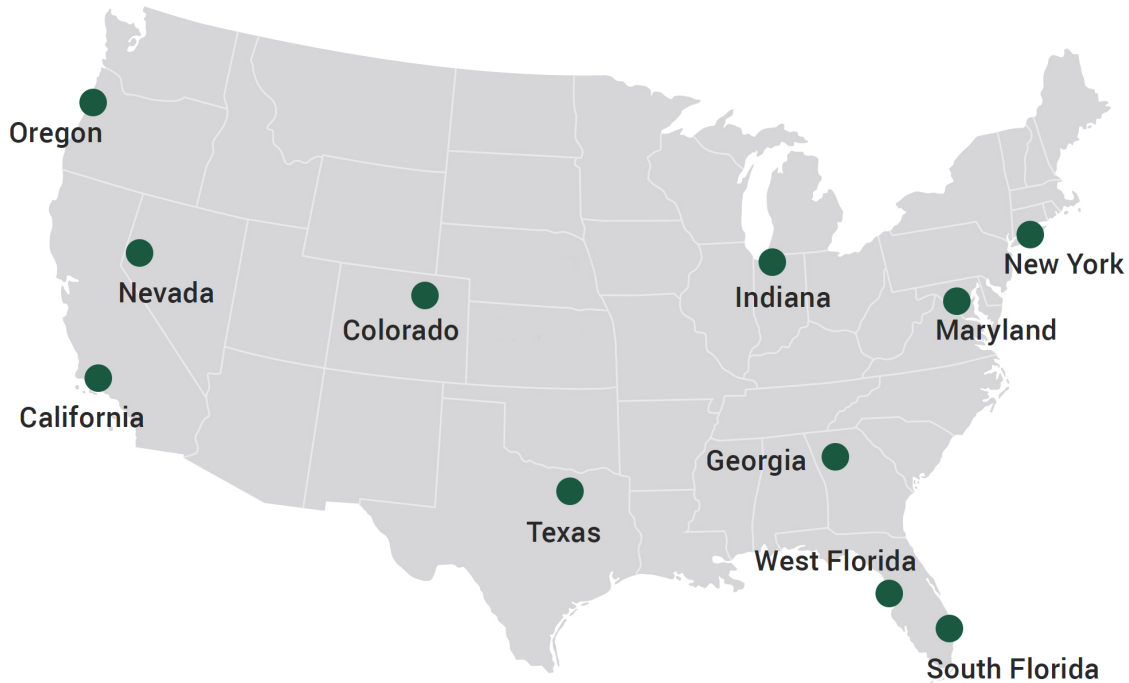
**With us, you're first.**

Everything we do is with our customers in mind, and providing an optimal experience is our top priority. Whether purchasing through our knowledgeable customer service team or our fast and secure website online, we guarantee that you will have a first-class experience.





## Our Convenient Nationwide Locations



### New York

15 Oser Ave  
Hauppauge, NY 11788  
Ph: 1-888-438-7761

### Georgia

4100 Westpark Dr SW, Ste C  
Atlanta, GA 30336  
Ph: 1-866-901-0603

### California

12661 Corral Pl  
Santa Fe Springs, CA 90670  
Ph: 1-888-776-1937

### Indiana

1545 Pidco Dr  
Plymouth, IN 46563  
Ph: 1-888-753-7446

### Oregon

3573 25th St SE  
Salem, OR 97302  
Ph: 1-888-880-9191

### Texas

2045 Westgate Dr, Ste 110  
Carrollton, TX 75006  
Ph: 1-888-809-5151

### South Florida

33 Commerce Way  
Jupiter, FL 33458  
Ph: 1-866-781-1300

### West Florida

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Tampa, FL 33619  
Ph: 1-844-278-6371

### Maryland

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Jessup, MD 20794  
Ph: 1-888-438-7761

### Colorado

14200 E 35th Pl Ste 105  
Aurora, CO 80011  
Ph: 1-720-823-7661

### Nevada

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Sparks, NV 89431  
Ph: 1-888-438-7761

## Valmont Telecom Locations

### Indiana

Plymouth, IN

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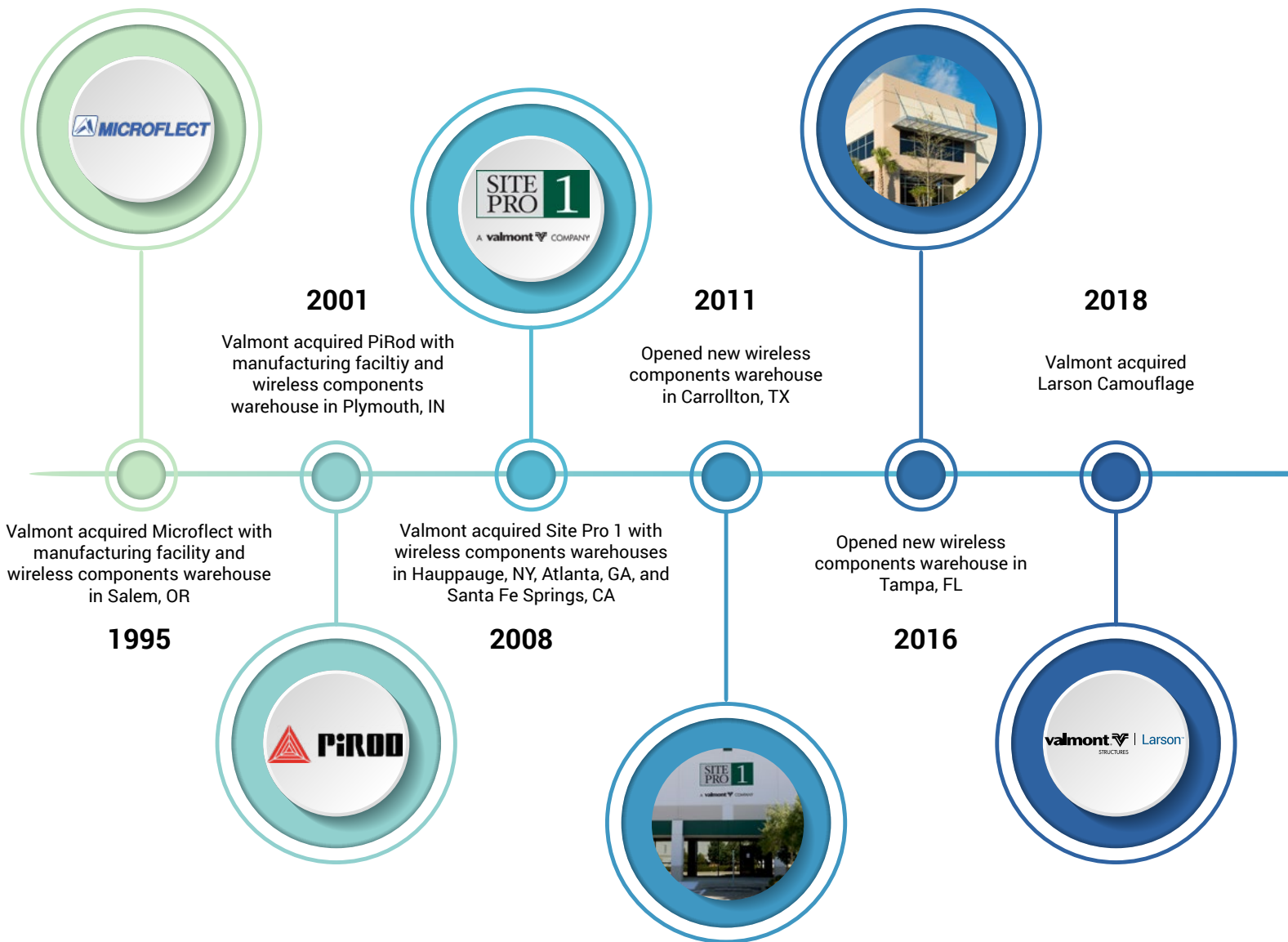
Tucson, AZ

### Colorado

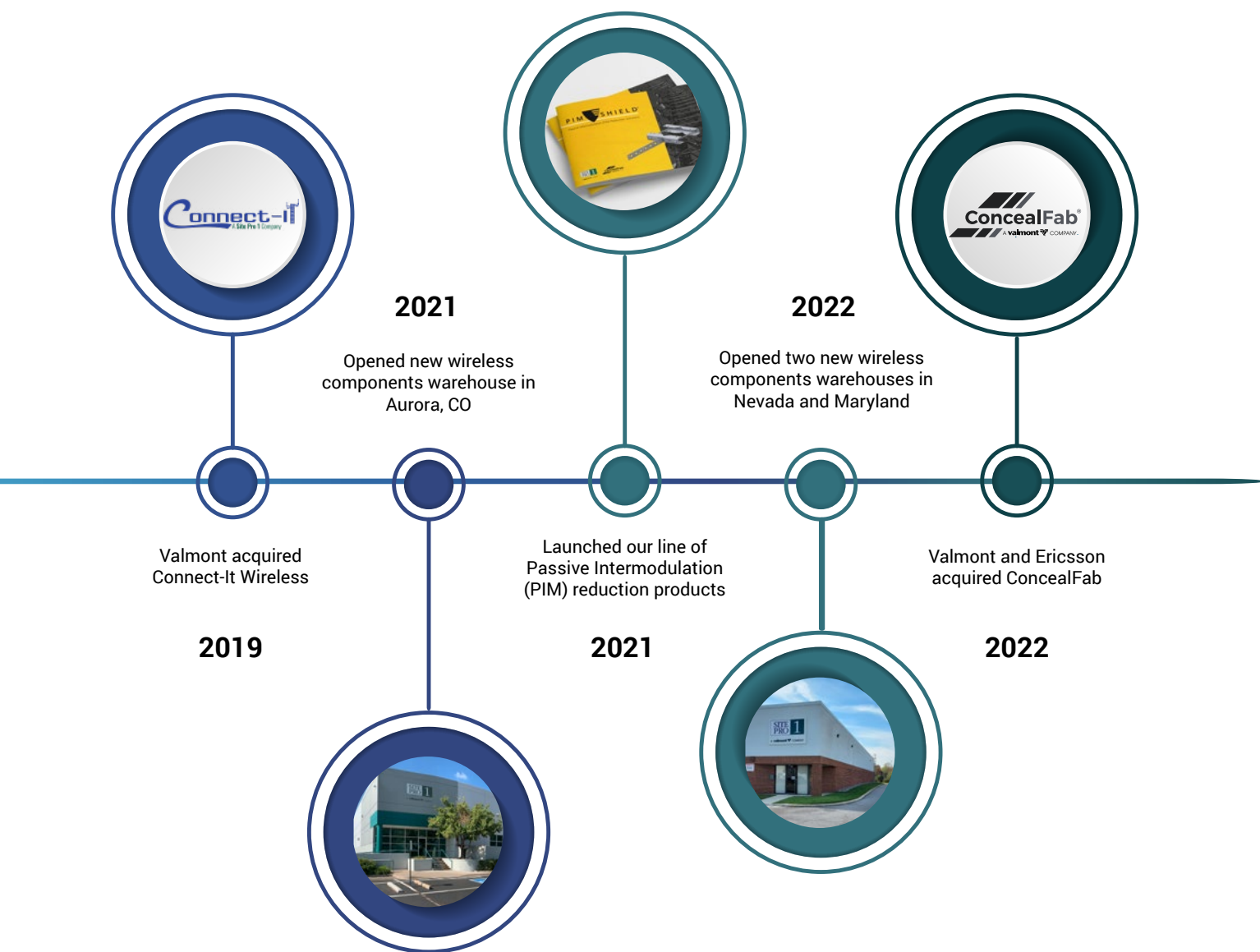
Colorado Springs, CO

Call 1-833-864-8353 for assistance with all Valmont Telecom products.

# Our Company Milestones



Always Innovating.



Always Evolving.



# Absolute dedication to our customers.

*"I use Valmont Site Pro 1 for the products and the people. Both are reliable, products are well designed and make my job easier. I've been a customer for a long time now and they've always been on my short list of vendors."*

**Ben M. from Virginia**

*"Site Pro 1 makes it easy to find the parts I need and get them on site quickly, helping me keep my schedules and tower crews on track. Thank you!"*

**Derek S. from Michigan**

*"Site Pro 1 has the right products at the right prices. I had a perfect experience with the company!"*

**Brian P. from New York**

*"The order process was seamless from start to delivery! They had exactly what I needed and my experience was excellent."*

**Charles R. from California**

*"I choose Site Pro 1 because of their fast delivery, and they have everything I need in stock. My order experience was excellent, and the product quality was exceptional."*

**Ramon R. from California**

*"My order experience was excellent! I can easily find the products that I need without having to second guess. The site is easy to navigate and find what you are looking for."*

**Max T. from Maryland**

*"We really appreciate doing business with your team! Your company has an amazing culture that is felt beyond the emails and materials that we receive."*

**Andres A. from Florida**



# Get certified online

Learn about our products, best practices and extend your warranty.

**Assembly Best Practices + Tower Mount Certification + Monopole Mount Certification + Rooftop Mount Certification**

Learn more at [SitePro1.com/Academy](https://SitePro1.com/Academy)



# We've simplified small cell.<sup>TM</sup>

From the top to the bottom of the pole, we provide an all-in-one suite with everything needed for rapid deployment and easy maintenance.

Our SimpleCell<sup>TM</sup> line features premium ConcealFab<sup>®</sup> Small Cell solutions like poles, concealment options, and innovations like the clearWave<sup>TM</sup> low-loss thermoplastic material for superior RF performance.



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**A Variety of Light Arm Options**



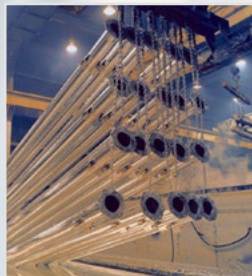
**Decorative & Structural Base Cabinets**



**Concealment Shrouding**



**Side Mounted Cabinets**



**Ancillary Finishing & Engineering Services**



**Rigorous Testing & Validation**

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# SimpleCell™

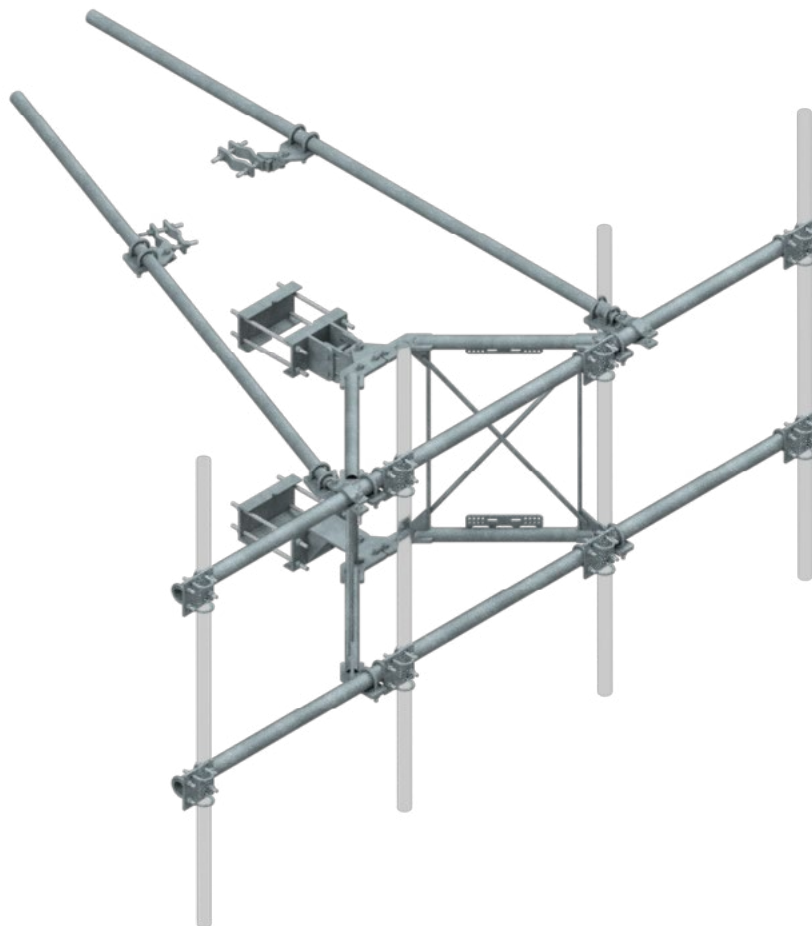
Small Cell, Simplified.™



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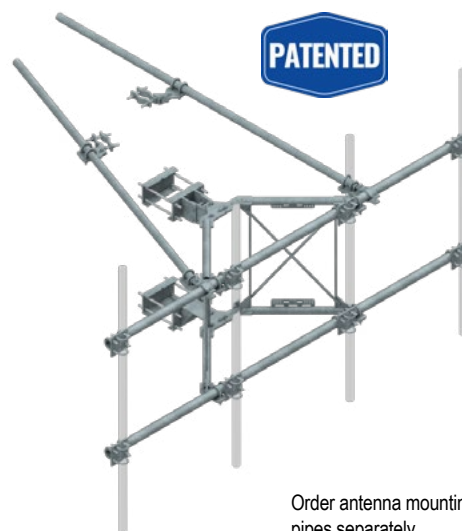


# TOWER STEEL



## Heavy-Duty V-Frames

- Our most robust sector frames designed for the most extreme loading conditions
- Feature our BCAM™ Taper Adjustment System
- Feature our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Include two stiff arms and hardware to mount 2-3/8" and 2-7/8" antenna mounting pipes (ordered separately, p. 154)
- Frames rotate for easy azimuth adjustment
- Contact us for load and engineering data
- When ordering V-frames for use with round chimney mounts or monopole direct frame connection kits add "-NLB" to the part number to get the frame without the leg bracket hardware



| Part #       | Face Width                                                            | Hardware to Mount (X) Antennas | Stiff Arms | Leg Sizes                                       | Weight | Price      |
|--------------|-----------------------------------------------------------------------|--------------------------------|------------|-------------------------------------------------|--------|------------|
| VFA6-HD-S    | 7'-0"                                                                 | 2                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 540 lb | \$1,840.00 |
| VFA6-HD      | 7'-0"                                                                 | 2                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 630 lb | \$2,125.00 |
| VFA8-HD-S    | 9'-0"                                                                 | 3                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 585 lb | \$2,040.00 |
| VFA8-HD      | 9'-0"                                                                 | 3                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 675 lb | \$2,325.00 |
| VFA10-HD-S   | 10'-6"                                                                | 4                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 630 lb | \$2,120.00 |
| VFA10-HD     | 10'-6"                                                                | 4                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 715 lb | \$2,410.00 |
| VFA12-HD-S   | 12'-6"                                                                | 4                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 650 lb | \$2,205.00 |
| VFA12-HD     | 12'-6"                                                                | 4                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 735 lb | \$2,495.00 |
| VFA14-HD-S   | 14'-6"                                                                | 4                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 670 lb | \$2,290.00 |
| VFA14-HD     | 14'-6"                                                                | 4                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 755 lb | \$2,580.00 |
| BCAM-HDLL    | Large-Leg Adapter Kit, up to 16" Round Legs, or #12 Breakdown Legs    |                                |            |                                                 | 130 lb | \$629.00   |
| BCAM-HDLL-AA | Large-Leg Adapter Kit, 7" to 12" 90° Angle Legs or #12 Breakdown Legs |                                |            |                                                 | 130 lb | \$665.00   |



Olympus<sup>™</sup>  
Towers

## Unprecedented strength and integrity.

We understand what's riding on your towers. Everything. Your service. Your reputation. Your customers' trust. That's why Valmont® Telecom offers our Olympus™ line of towers. Several low-maintenance, self-supporting tower options produced to help you keep the promise of reliability.



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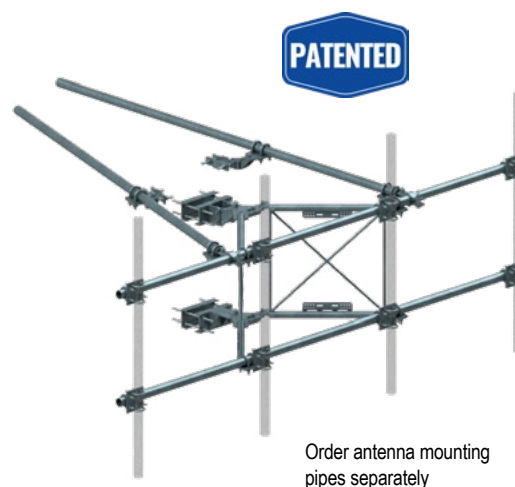
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## SD V-Frames

- Feature our BCAM™ Taper Adjustment System
- Feature our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Round-member face offers lower wind resistance
- Frames rotate for easy azimuth adjustment
- Include stiff arm and hardware to mount 2-3/8" antenna mounting pipes (ordered separately, p. 154)
- Contact us for load and engineering data
- When ordering V-frames for use with round chimney mounts or monopole direct frame connection kits add "-NLB" to the part number to get the frame without the leg bracket hardware



| Part #       | Face Width                                                            | Hardware to Mount (X) Antennas | Stiff Arms | Leg Sizes                                       | Weight | Price      |
|--------------|-----------------------------------------------------------------------|--------------------------------|------------|-------------------------------------------------|--------|------------|
| VFA6-SD-S    | 7'-0"                                                                 | 2                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 360 lb | \$1,165.00 |
| VFA6-SD      | 7'-0"                                                                 | 2                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 450 lb | \$1,460.00 |
| VFA8-SD-S    | 9'-0"                                                                 | 3                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 390 lb | \$1,225.00 |
| VFA8-SD      | 9'-0"                                                                 | 3                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 480 lb | \$1,525.00 |
| VFA10-SD-S   | 10'-6"                                                                | 4                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 415 lb | \$1,350.00 |
| VFA10-SD     | 10'-6"                                                                | 4                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 505 lb | \$1,655.00 |
| VFA12-SD-S   | 12'-6"                                                                | 4                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 430 lb | \$1,400.00 |
| VFA12-SD     | 12'-6"                                                                | 4                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 520 lb | \$1,695.00 |
| VFA14-SD-S   | 14'-6"                                                                | 4                              | 1          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 445 lb | \$1,465.00 |
| VFA14-SD     | 14'-6"                                                                | 4                              | 2          | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 535 lb | \$1,770.00 |
| BCAM-SDLL    | Large-Leg Adapter Kit, up to 16" Round Legs, or #12 Breakdown Legs    |                                |            |                                                 | 114 lb | \$505.00   |
| BCAM-SDLL-AA | Large-Leg Adapter Kit, 7" to 12" 90° Angle Legs or #12 Breakdown Legs |                                |            |                                                 | 115 lb | \$539.00   |

## V-Frames with Integral RRU Mounting Pipes

- Feature our BCAM™ Taper Adjustment System
- Safely support up to twelve RRU's plus four antennas
- Two 3-1/2" vertical pipes hold additional RRUs
- Include stiff arm and hardware to mount 2-3/8" antenna mounting pipes (ordered separately, p. 154)
- Call for 2-7/8" antenna mounting pipe versions
- Frames rotate for easy azimuth adjustment
- Contact us for load and engineering data
- When ordering V-frames for use with round chimney mounts or monopole direct frame connection kits add "-NLB" to the part number to get the frame without the leg bracket hardware



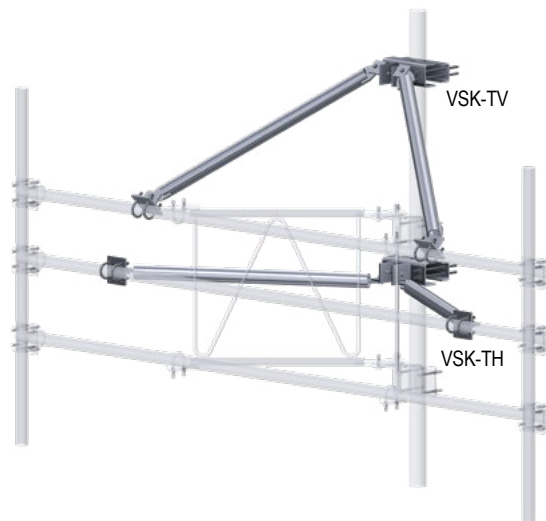
Order antenna mounting pipes separately



| Part #       | Face Width                                                            | Hardware to Mount (X) Antennas | Leg Sizes                                       | Weight | Price      |
|--------------|-----------------------------------------------------------------------|--------------------------------|-------------------------------------------------|--------|------------|
| VFA6-RRU     | 7' - 0"                                                               | 2                              | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 395 lb | \$1,640.00 |
| VFA8-RRU     | 9' - 0"                                                               | 3                              | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 425 lb | \$1,675.00 |
| VFA10-RRU    | 10' - 6"                                                              | 4                              | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 450 lb | \$1,725.00 |
| VFA12-RRU    | 12' - 6"                                                              | 4                              | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 465 lb | \$1,820.00 |
| VFA14-RRU    | 14' - 6"                                                              | 4                              | 1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles | 480 lb | \$1,860.00 |
| BCAM-SDLL    | Large-Leg Adapter Kit, up to 16" Round Legs, or #12 Breakdown Legs    |                                |                                                 | 114 lb | \$505.00   |
| BCAM-SDLL-AA | Large-Leg Adapter Kit, 7" to 12" 90° Angle Legs or #12 Breakdown Legs |                                |                                                 | 115 lb | \$539.00   |

## V-Style Sector Frame Stabilizer Kits (Pipe)

- Provide additional support to existing sector frames
- Pipe bracing for reduced wind area
- Fit 2-3/8" or 2-7/8" OD crossarms
- For VSK-TH and VSK-TH-L, based on design criteria noted in capacity letter, the maximum additional normal load capacity gained is 1,050 lb, the maximum additional tangential load capacity gained is 300 lb, and the maximum additional dead load capacity is 0 lb
- For VSK-TV and VSK-TV-L, based on design criteria noted in capacity letter, the maximum additional normal load capacity gained is 0 lb, the maximum additional tangential load capacity gained is 300 lb, and the maximum additional dead load capacity is 1,500 lb
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angles 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for load and engineering data



| Part #   | Stabilizer            | Application         | Weight | Price    |
|----------|-----------------------|---------------------|--------|----------|
| VSK-TH   | Horizontal            | 24" to 36" Standoff | 100 lb | \$420.00 |
| VSK-TH-L | Horizontal            | 36" to 48" Standoff | 120 lb | \$500.00 |
| VSK-TV   | Vertical              | 24" to 36" Standoff | 100 lb | \$420.00 |
| VSK-TV-L | Vertical              | 36" to 48" Standoff | 120 lb | \$500.00 |
| TAM-LL   | Large Leg Adapter Kit |                     | 39 lb  | \$226.00 |

## V-Style Sector Frame Reinforcement Kits (Pipe)

- Universal design provides extra capacity to existing sector frames for mounting RRU's
- Provide both vertical and horizontal reinforcement
- Pipe bracing for reduced wind area
- Fit 2-3/8" or 2-7/8" OD crossarms
- The maximum additional normal load capacity gained is 1,200 lb, the maximum additional tangential load capacity gained is 400 lb, and the maximum additional dead load capacity gained is 1,500 lb
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angle legs from 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for detailed load and engineering data

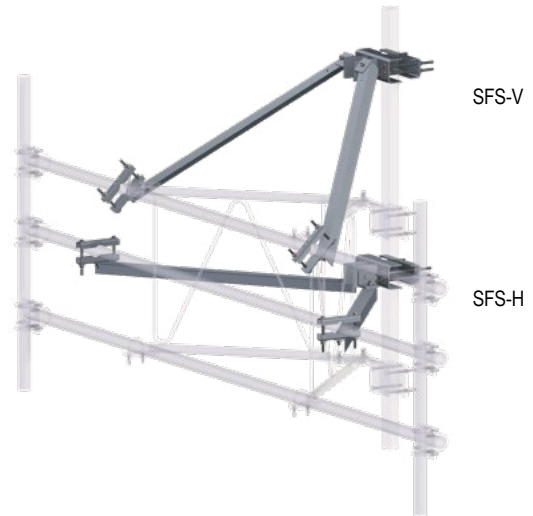


| Part #    | Face Width            | Application         | Weight | Price      |
|-----------|-----------------------|---------------------|--------|------------|
| VSK-SFR   | 12' - 6"              | 24" to 36" Standoff | 185 lb | \$845.00   |
| VSK-SFR-L | 12' - 6"              | 36" to 48" Standoff | 205 lb | \$1,010.00 |
| TAM-LL    | Large Leg Adapter Kit |                     | 39 lb  | \$226.00   |



## Sector Frame Stabilizer Kits (Angle)

- Adds additional support to existing sector frames
- For SFS-H and SFS-H-L, based on design criteria noted in capacity letter, the maximum additional normal load capacity gained is 1,050 lb, the maximum additional tangential load capacity gained is 300 lb, and the maximum additional dead load capacity is 0 lb
- For SFS-V and SFS-V-L, based on design criteria noted in capacity letter, the maximum additional normal load capacity gained is 0 lb, the maximum additional tangential load capacity gained is 300 lb, and the maximum additional dead load capacity is 1,500 lb
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angles 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up the 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for load and engineering data



| Part #  | Stabilizer            | Application         | Weight | Price    |
|---------|-----------------------|---------------------|--------|----------|
| SFS-H   | Horizontal            | 24" to 36" Standoff | 67 lb  | \$330.00 |
| SFS-H-L |                       | 36" to 48" Standoff | 77 lb  | \$385.00 |
| SFS-V   | Vertical              | 24" to 36" Standoff | 66 lb  | \$330.00 |
| SFS-V-L |                       | 36" to 48" Standoff | 77 lb  | \$385.00 |
| TAM-LL  | Large Leg Adapter Kit |                     | 39 lb  | \$226.00 |

## Sector Frame Reinforcement Kits (Angle)

- Universal design provides extra capacity to existing sector frames for mounting RRU's
- Provide both vertical and horizontal reinforcement
- The maximum additional normal load capacity gained is 1,200 lb, the maximum additional tangential load capacity gained is 400 lb, and the maximum additional dead load capacity gained is 1,500 lb
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angle legs from 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up the 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for detailed load and engineering data



| Part #  | Face Width            | Application         | Weight | Price    |
|---------|-----------------------|---------------------|--------|----------|
| SFR-K   | 12' - 6"              | 24" to 36" Standoff | 132 lb | \$665.00 |
| SFR-K-L | 12' - 6"              | 36" to 48" Standoff | 153 lb | \$770.00 |
| TAM-LL  | Large Leg Adapter Kit |                     | 39 lb  | \$226.00 |

## Platform and Tower Standoff Arm Reinforcement Kits

- Universal designs provide extra capacity to tower platforms or standoff arms
- Provide vertical reinforcement only
- Fit round legs 1-1/2" to 4-1/2" OD, 60° angle legs from 1-1/2" to 4-1/2", and 90° angle legs from 1-1/2" to 3"
- Fit round or square tube standoff arms 1-1/2" to 5"
- Use PRK-FMA for tower platform reinforcement, PRK-FMA1 for standoff arm reinforcement



| Part#      | Description                                         | Sectors | Horizontal Connection | Angle Size                       | Weight | Price      |
|------------|-----------------------------------------------------|---------|-----------------------|----------------------------------|--------|------------|
| PRK-FMA    | Tower Platform Reinforcement Kit                    | 3       | 5" x 5" Max           | 2L 2-1/2" x 2-1/2" x 3/16" x 84" | 330 lb | \$1,690.00 |
| PRK-FMA1   | Single-Arm Standoff Reinforcement Kit               | 1       | 5" x 5" Max           | 2L 2-1/2" x 2-1/2" x 3/16" x 84" | 110 lb | \$565.00   |
| PRK-FMA-NA | Attachment hardware only, no angles (arms) included | 3       | 5" x 5" Max           | Order Separately                 | 213 lb | \$1,085.00 |

## Universal Horizontal Support Rail Brace Kit



- This kit includes hardware required for use with pipe stiff arms up to 4-1/2" OD and platform support rails up to 6" square tube
- Purchase stiff arm pipe separately (p. 154)
- Hot-dip galvanized



| Part # | Description                                 | Stiff Arm Size                     | Weight | Price    |
|--------|---------------------------------------------|------------------------------------|--------|----------|
| HSRB-U | Universal Horizontal Support Rail Brace Kit | Up to 4-1/2" OD" (sold separately) | 135 lb | \$690.00 |

## Bogner Mount

- Heavy-duty 6' side arm for the most extreme loading conditions
- Features our BCAM™ Taper Adjustment System
- Mounts to 1-1/2" to 9-1/2" round and 3" to 6" angle legs; add BCAM-SDLL kit for larger members
- Mounts pivots for easy azimuth adjustment
- Includes stiff arm
- 3-1/2" x 52" vertical mast
- Rated for 500 lb live load



| Part #       | Mounting Pipe                                                         | Weight | Price      |
|--------------|-----------------------------------------------------------------------|--------|------------|
| BOG6         | 6' HD Stand-Off Mount Kit                                             | 480 lb | \$1,865.00 |
| BCAM-SDLL    | Large-Leg Adapter Kit, up to 16" Round Legs, or #12 Breakdown Legs    | 114 lb | \$505.00   |
| BCAM-SDLL-AA | Large-Leg Adapter Kit, 7" to 12" 90° Angle Legs or #12 Breakdown Legs | 115 lb | \$539.00   |

## Heavy-Duty Stand-Off Mounts

- Versatile mounts work on towers, monopoles, and buildings
- One-piece welded design
- Constructed from schedule 40 pipe
- Standard versions mount to 1-1/2" to 4-1/2" OD members; add Large-Leg Adapter Kit for larger members
- Hot-dip galvanized
- Turning ring on HS6 allows bracket to rotate for service
- The maximum taper adjustment is 3.8 degrees based upon 45" spacing of mounting brackets.



| Part # | Stand-Off | Mast Size        | Weight | Price    |
|--------|-----------|------------------|--------|----------|
| HS4-K  | 4'        | 2-3/8" x 38"     | 55 lb  | \$922.00 |
| HS6-K  | 6'        | 3-1/2" x 42-1/2" | 115 lb | \$953.00 |

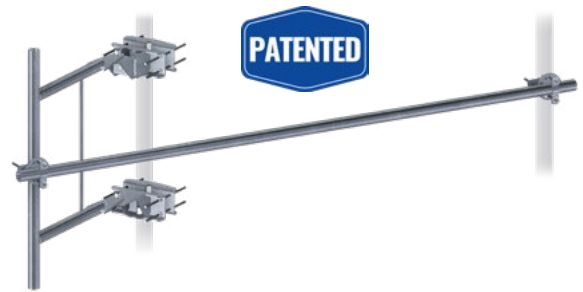
### Large-Leg Adapter Kit

| Part # | Application                                  | Weight | Price    |
|--------|----------------------------------------------|--------|----------|
| LLEG-K | 4-3/4" to 10-3/4" Diameter & 3" to 8" Angles | 78 lb  | \$317.00 |



## Stand-Off Mounts

- Feature our BCAM™ Taper Adjustment System
- Round-member face offers lower wind resistance
- Mount to 1-1/2" to 9-1/2" round and 3" to 6" angle legs; for larger members add the BCAM-SDLL kit
- Mounts rotate for easy azimuth adjustment
- Stiff arm included
- 2-3/8" x 50" vertical mast
- Rated for 250 lb live load

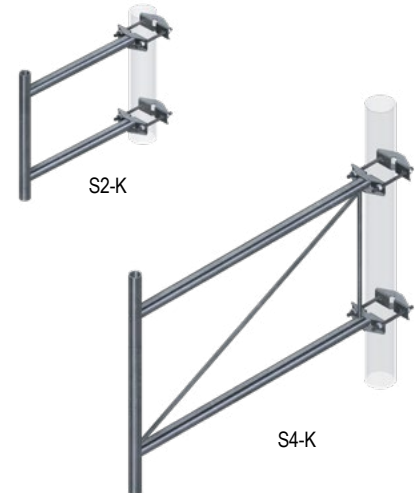


| Part #       | Description                                                           | Weight | Price    |
|--------------|-----------------------------------------------------------------------|--------|----------|
| PSA3         | 3' Stand-Off Mount Kit                                                | 170 lb | \$490.00 |
| PSA6         | 6' Stand-Off Mount Kit                                                | 183 lb | \$572.00 |
| BCAM-SDLL    | Large-Leg Adapter Kit, up to 16" Round Legs, or #12 Breakdown Legs    | 114 lb | \$505.00 |
| BCAM-SDLL-AA | Large-Leg Adapter Kit, 7" to 12" 90° Angle Legs or #12 Breakdown Legs | 115 lb | \$539.00 |

## Lightweight Stand-Off Mounts

- One-piece welded design
- 1-1/2" (1.9" OD) schedule 40 pipe construction
- Hot-dip galvanized
- Fit pipe up to 4-1/2" OD, 60° angle up to 4-1/2", or 90° angle up to 3"

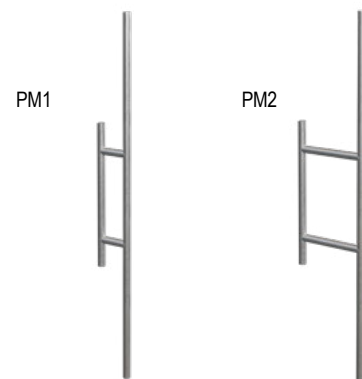
| Part # | Stand-Off | Mast Pipe | Weight | Price    |
|--------|-----------|-----------|--------|----------|
| S2-K   | 2'        | 24"       | 23 lb  | \$138.00 |
| S3-K   | 3'        | 24"       | 30 lb  | \$171.00 |
| S4-K   | 4'        | 38"       | 42 lb  | \$223.50 |



## Panel Antenna Stand-Off Mounts

- Versatile mounts works on towers, monopoles, and buildings
- One-piece welded design
- Constructed from 2-3/8" OD schedule 40 pipe
- Hot-dip galvanized
- Purchase mounting hardware separately (p. 145)

| Part # | Stand-Off | Antenna Pipe | Mounting Pipe | Weight | Price    |
|--------|-----------|--------------|---------------|--------|----------|
| PM1    | 1'        | 120"         | 48"           | 60 lb  | \$235.00 |
| PM2    | 2'        | 120"         | 48"           | 68 lb  | \$321.00 |



## Universal Side-Arm Mount

- Stands 3' off tower
- Mounts to round legs 1-3/4" to 8-5/8", angles 2-1/2" to 6"
- Accommodates leg slopes of 9:1 (6.3°), 12:1 (4.8°), 16:1 (3.6°), or vertical
- Kit includes U-bolts and all hardware
- Accepts 2-3/8" OD antenna mounting pipes (ordered separately, p. 154)



| Part # | Description       | Weight | Price    |
|--------|-------------------|--------|----------|
| USA3   | 3' Side-Arm Mount | 60 lb  | \$430.00 |

## Ultimate Stand-Off Frames

- Stand-off frames with 3-1/2" OD x 56-1/2" vertical mast
- Includes universal mounting hardware
- Easily adjust for taper up to 6° in 3/4° increments
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angles 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angles up to 8-1/2"



| Part # | Standoff              | Weight | Price    |
|--------|-----------------------|--------|----------|
| USF-2U | 24"                   | 129 lb | \$610.00 |
| USF-3U | 36"                   | 146 lb | \$675.00 |
| USF-4U | 48"                   | 165 lb | \$815.00 |
| TAM-LL | Large-Leg Adapter Kit | 39 lb  | \$226.00 |

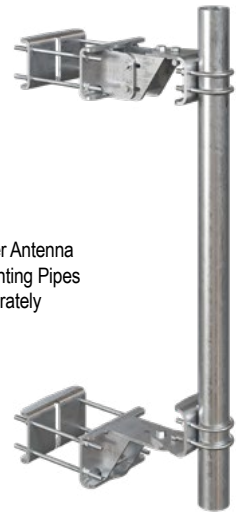
## R6 Heavy-Duty Universal Pipe Mount Kit

- Heavy-duty sliding brackets for difficult tower attachments
- Includes 4-1/2" x 72" antenna mounting pipe
- Easy-adjustment taper up to 5.7° (based on 30" spacing of brackets)
- Fits round leg sizes 1-1/2" to 9-1/2" diameter and angle sizes 3" to 6"
- With BCAM-HDLL fits up to 16" round legs or #12 Truss Legs
- With BCAM-HDLL-AA fits up to 12" 90° angle legs or #12 Breakdown Legs

| Part #       | Description                                                           | Pipe         | Weight | Price      |
|--------------|-----------------------------------------------------------------------|--------------|--------|------------|
| R6           | Heavy-duty Universal Pipe Mount Kit                                   | 4-1/2" x 72" | 265 lb | \$1,505.00 |
| BCAM-HDLL    | Large-Leg Adapter Kit, up to 16" Round Legs, or #12 Breakdown Legs    |              | 130 lb | \$629.00   |
| BCAM-HDLL-AA | Large-Leg Adapter Kit, 7" to 12" 90° Angle Legs or #12 Breakdown Legs |              | 130 lb | \$665.00   |



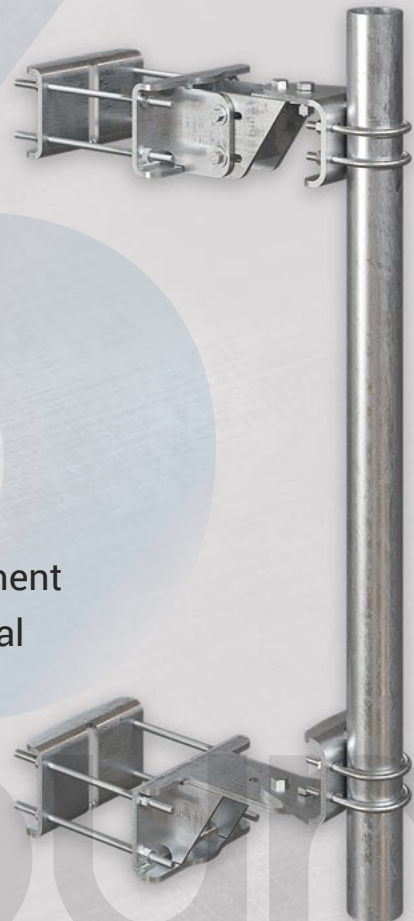
Order Antenna  
Mounting Pipes  
separately



## Save time and stress with new R6

- Easy installation
- Increased heavy-duty loading capacity
- Utilizes the BCAM-HDLL for easy mount taper adjustment
- Better frictional capabilities hinder unwanted rotational movement
- Allows for easy attachment of VFA frames

Visit [SitePro1.com](http://SitePro1.com) for more details



## R5 Heavy-Duty Universal Pipe Mounts

- Sliding brackets for the most difficult tower attachments
- R5 and R5-LL include 4-1/2" x 72" antenna mounting pipe;  
R5-UP version includes hardware for mounting 1-1/2" to 4-1/2" OD antenna mounting pipes, but no pipe
- Easily adjustable taper up to 5.7° (based on 30" spacing of brackets)
- Kits include U-bolts and all hardware



| Part # | Description                   | Application                                  | Pipe                                                              | Weight | Price    |
|--------|-------------------------------|----------------------------------------------|-------------------------------------------------------------------|--------|----------|
| R5     | Two brackets, pipe & hardware | 1-1/2" to 4-1/2" OD Members                  | 4-1/2" x 72"                                                      | 137 lb | \$725.00 |
| R5-LL  | Two brackets, pipe & hardware | 1-1/2" to 10-3/4" Diameter & 3" to 8" Angles | 4-1/2" x 72"                                                      | 148 lb | \$965.00 |
| R5-UP  | Two brackets & hardware       | 1-1/2" to 4-1/2" OD Members                  | No Pipe Included; Accepts Antenna Mounting Pipes 1-1/2" to 4-1/2" | 90 lb  | \$585.00 |
| LLEG-K | Large-Leg Adapter Kit         | 4-3/4" to 10-3/4" Diameter & 3" to 8" Angles | N/A                                                               | 78 lb  | \$317.00 |

## R5 Universal Pipe Mount with Face

- Sliding brackets for the most difficult tower attachments
- Includes 4-1/2" x 72" mounting pipe
- Accepts 2-3/8" to 4-1/2" OD antenna mounting pipes
- 3-1/2" x 60" horizontal pipe allows up to 48" of separation
- Easily adjustable taper
- Kit includes U-bolts and all hardware
- Purchase antenna mounting pipes separately (p. 154)



Order Antenna Mounting Pipes separately

| Part # | Standoff | Application                       | Mount Pipe   | Weight | Price      |
|--------|----------|-----------------------------------|--------------|--------|------------|
| R5-216 | 18"      | 1-1/2" to 4-1/2" OD Round Members | 4-1/2" x 72" | 235 lb | \$1,080.00 |

### Large-Leg Adapter Kit

| Part # | Application                                  | Weight | Price    |
|--------|----------------------------------------------|--------|----------|
| LLEG-K | 4-3/4" to 10-3/4" Diameter & 3" to 8" Angles | 78 lb  | \$317.00 |



## Sliding Universal Tapered Pipe Mounts

- Sliding brackets for the most difficult tower attachments
- Easily adjustable taper up to 6° in 3/4° increments
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angles 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angles up to 8-1/2"
- Kits include U-bolts and all hardware
- Order antenna mounting pipes separately (p. 154)



Order antenna mounting pipes separately

| Part #   | Description                 | Pipe OD           | Standoff | Weight | Price    |
|----------|-----------------------------|-------------------|----------|--------|----------|
| TAM-2U   | Two brackets, U-Bolts & hdw | 2-3/8" and 2-7/8" | 1'       | 77 lb  | \$350.00 |
| TAM-2U-L | Two brackets, U-Bolts & hdw | 2-3/8" and 2-7/8" | 2'       | 93 lb  | \$433.00 |
| TAM-3U   | Two brackets, U-Bolts & hdw | 3-1/2" and 4-1/2" | 1'       | 79 lb  | \$402.00 |
| TAM-3U-L | Two brackets, U-Bolts & hdw | 3-1/2" and 4-1/2" | 2'       | 95 lb  | \$485.00 |
| TAM-LL   | Large-Leg Adapter Kit       |                   |          | 39 lb  | \$226.00 |

## Universal Tapered Pipe Mounts

- 2-3/8" or 4-1/2" OD x 63" pipe mounts
- Easily adjust for taper up to 6° in 3/4° increments
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angles 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angles up to 8-1/2"

| Part #   | Pipe Size             | Standoff | Weight | Price    |
|----------|-----------------------|----------|--------|----------|
| ADP238-U | 2-3/8" x 63"          | 14"      | 77 lb  | \$521.00 |
| ADP-U    | 4-1/2" x 63"          | 15-1/2"  | 114 lb | \$607.00 |
| TAM-LL   | Large-Leg Adapter Kit |          | 39 lb  | \$226.00 |



## Universal Adjustable Slope Pipe Mount

- 4-1/2" OD x 60" pipe mount
- Easily adjusts for taper up to 15-1/2°
- Universal mounting; round legs from 2" to 8-5/8" OD or angle legs from 2-1/2" to 6"

| Part # | Pipe Size    | Weight | Price      |
|--------|--------------|--------|------------|
| UAS60  | 4-1/2" x 60" | 160 lb | \$1,040.00 |



## Universal Leg-Mounted Pipe Mounts

- 60" pipe mounts
- Universal mounting; round legs from 1-3/4" to 8-5/8" OD or angle legs from 2-1/2" to 6"

| Part # | Pipe         | Slope    | Weight | Price    |
|--------|--------------|----------|--------|----------|
| LPM1   | 2-3/8" x 60" | Vertical | 90 lb  | \$654.00 |
| LPM2   | 4-1/2" x 60" | Vertical | 126 lb | \$805.00 |
| LPM3   | 4-1/2" x 60" | 16:1     | 127 lb | \$811.00 |



## Double Antenna Clamp

- Allows two antennas to be supported by one pipe; antenna separation is 15-1/2"
- Accepts mounting pipes 1-1/2" -3-1/2" (p. 154)
- Kit includes two clamp sets and hardware

| Part # | Description          | Quantity | Weight | Price    |
|--------|----------------------|----------|--------|----------|
| DAC    | Double Antenna Clamp | Kit of 2 | 25 lb  | \$201.00 |



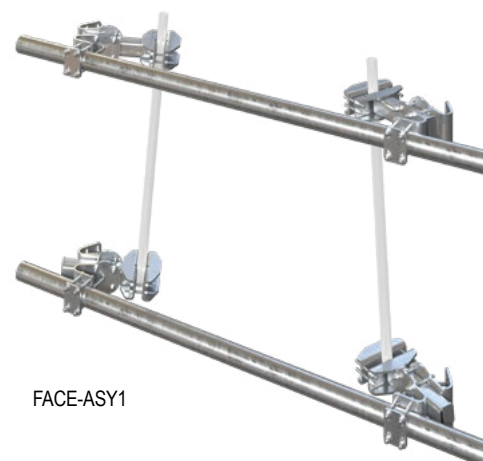
Order antenna mounting pipe separately



Kit includes 2 sets of clamps

## Universal Face Pipe Mount Assemblies

- Universal mounts designed for the most difficult face mount applications
- Easily adjustable taper up to 8° (based on 60" spacing of brackets)
- Work with face pipes 3-1/2" or 4-1/2" OD
- Attach to 1-1/2" to 9-1/2" round members or 3" to 6" angles
- NP versions include brackets for double-level assemblies; NPS versions include brackets for single-level assemblies
- For NP versions see page 150 for pipe options
- Four FACE-LLEG required for FACE-ASY1 and six FACE-LLEG required for FACE-ASY3
- **Four-sector versions are also available, see web site for details**



FACE-ASY1



FACE-LLEG

| Part #         | Sectors                             | Face Pipes          | Weight   | Price      |     |
|----------------|-------------------------------------|---------------------|----------|------------|-----|
| FACE-ASY1-3126 | One                                 | (2) 3-1/2" x 10'-6" | 690 lb   | \$4,445.00 |     |
| FACE-ASY1-4126 | One                                 | (2) 4-1/2" x 10'-6" | 755 lb   | \$4,480.00 |     |
| FACE-ASY1-NP   | One                                 | None                | 530 lb   | \$3,940.00 |     |
| FACE-ASY1-NPS  | One                                 | None                | 265 lb   | \$1,970.00 | NEW |
| FACE-ASY3-3126 | Three                               | (6) 3-1/2" x 10'-6" | 1,330 lb | \$8,280.00 |     |
| FACE-ASY3-4126 | Three                               | (6) 4-1/2" x 10'-6" | 1,530 lb | \$8,385.00 |     |
| FACE-ASY3-NP   | Three                               | None                | 850 lb   | \$6,260.00 |     |
| FACE-ASY3-NPS  | Three                               | None                | 425 lb   | \$3,130.00 | NEW |
| FACE-LLEG      | Varies                              | None                | 75 lb    | \$785.00   |     |
| FACE-PM        | Pipe Mount Attachment Kit (No Pipe) |                     | 52 lb    | \$145.50   |     |

## Universal Tubular-Arm Pipe Mounts (Face Mounts)

- Stand off from tower face allowing transmission lines to run between tower and mounting arms
- For use on non-tapered tower sections
- Cross arms are 2-1/2" x 2-1/2" x 80", 3/16" (wall) square structural tubing
- 4-1/2" x 72" antenna mounting pipe included in TAP-472
- No-pipe version accepts antenna mounting pipes 2-3/8" - 4-1/2"
- Hot-dip galvanized after fabrication
- Fit leg sizes 7/8" to 5"



| Part #  | Description                          | Weight | Price      |
|---------|--------------------------------------|--------|------------|
| TAP-472 | Complete Kit with 4-1/2" x 72" Pipe  | 240 lb | \$1,165.00 |
| TAP-NP  | Complete Kit with No Pipe            | 177 lb | \$899.00   |
| TAP-PM  | Pipe Mount Hardware Kit Only         | 32 lb  | \$151.50   |
| TAP-LM  | (4) Leg Mount Hardware & Plates Only | 69 lb  | \$665.00   |

## Compact Tower Mounts

- Antenna mounting pipes stand 14-1/8" off tower; antenna separation is 21-5/8"
- 0° - 30° down tilt adjustment
- Accept 2-3/8" OD, 2-7/8" OD, and 3-1/2" OD antenna mounting pipes
- Purchase antenna mounting pipes separately (p. 154)
- Each kit is one sector
- Contact us for load and engineering data



| Part #  | Leg Size                                               | Weight | Price    |
|---------|--------------------------------------------------------|--------|----------|
| CWT8    | Round legs 1-1/2" to 4-1/2"<br>Angle legs up to 3"     | 91 lb  | \$730.00 |
| CWT8-LL | Round legs 2-1/2" to 10-3/4"<br>Equal angle legs 2"-8" | 110 lb | \$765.00 |



Order antenna mounting pipes separately

## Universal Tri-Sector Mount Kits

- Allow attachment of three panel antennas to a single pipe mast
- Kits includes two brackets with hardware for attaching 2-3/8", 2-7/8", and 3-1/2" OD antenna mounting pipes (sold separately, p. 154)

| Part # | Description                                         | Weight | Price    |
|--------|-----------------------------------------------------|--------|----------|
| UTSM   | Universal Tri-Sector Mount Kit, 2-7/8" to 6-5/8" OD | 36 lb  | \$186.50 |
| UTSM-L | Universal Tri-Sector Mount Kit, 6" to 10" OD        | 51 lb  | \$230.00 |



## Side-By-Side Antenna Mount



- This mount is used to attach two antennas in a side-by-side configuration
- For use with two 14" or 18" (350 mm or 457 mm) wide antennas
- Fits pipes 2-3/8" - 4-1/2" OD (sold separately, p. 154)
- Taper adjustment 10.5° with 36" bracket separation, 6.25° with 72" bracket separation
- Hot-dip galvanized

| Part #    | Description              | Weight | Price    |
|-----------|--------------------------|--------|----------|
| SBS1-1418 | Side-by Side Tower Mount | 95 lb  | \$675.00 |





## Full Universal RRU Mount **NEW**



- Universal design mounts two RRU's up to 20" wide
- Adjustable width, 0" - 8-1/2"
- Universal mounting, round legs from 2-3/8" to 8", 60° angle legs from 2-1/2" to 8", and 90° angle legs from 2" to 6"
- Large-leg adapter kit available for up to 12-3/4" diameter or 3" to 8" angles
- Easy installation



| Part #  | Description              | Weight | Price    |
|---------|--------------------------|--------|----------|
| RRU-FU2 | Full Universal RRU Mount | 50 lb  | \$475.00 |
| LLEG-K  | Large-Leg Adapter Kit    | 78 lb  | \$317.00 |

## Dual RRU Mounts



- RRUDSM mounts up to two RRU's; RRUDPMX mounts up to four RRU's
- RRU's are kept close to the antenna and allow for easy maintenance and simple installations
- Universal slotted mounting holes accommodate most RRU's
- Hot-dip galvanized construction; all hardware included

| Part #  | Description                               | Mounting Range                             | Weight | Price    |
|---------|-------------------------------------------|--------------------------------------------|--------|----------|
| RRUDSM  | RRU Dual Swivel Mount (Kit of 2)          | Pipes up to 4-1/2"<br>Angles up to 3" x 3" | 40 lb  | \$229.00 |
| RRUDPMX | Dual RRU Swiveling Tower Mount (Kit of 2) | Pipes up to 4-1/2"<br>Angles up to 3" x 3" | 115 lb | \$690.00 |

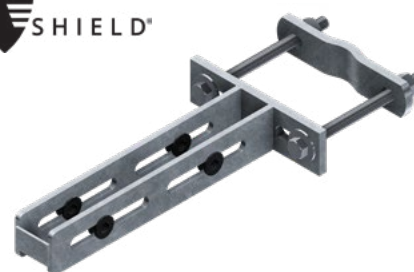


## TMA Bracket



- Use for mounting tower mounted amplifiers
- Includes universal mounting hardware for 2-3/8" to 4-1/2" OD legs
- Galvanized steel bracket with rubber grommets

| Part #   | Description | Weight | Price   |
|----------|-------------|--------|---------|
| PB-TMA-K | TMA Bracket | 3.0 lb | \$40.55 |



## Sector Frame Stiff Arm Kits

- 2-3/8" x 12'-6" stiff arm
- Attachment kit for round or angle towers
- Leg bracket fits round legs from 1" to 6" OD, 60° angle legs up to 6", and 90° angle legs up to 4"
- Sector frame attachment hardware fits 2-3/8" pipe



STK-U



| Part #   | Description                              | Weight | Price    |
|----------|------------------------------------------|--------|----------|
| STK-U    | Sliding Pipe Stiff Arm Assembly          | 65 lb  | \$304.00 |
| STK-U-NP | Sliding Pipe Stiff Arm Hardware, No Pipe | 27 lb  | \$130.00 |

## Universal Sliding Pipe Stiff Arm Assemblies

- Available with 2-3/8" or 2-7/8" by 10'-6" pipe
- Leg bracket fits round legs from 1-1/2" to 8-5/8" OD, 60° angle legs up to 8", and 90° angle legs up to 6"
- Universal sector frame attachment hardware fits 1-1/2" to 5" OD



SPTB

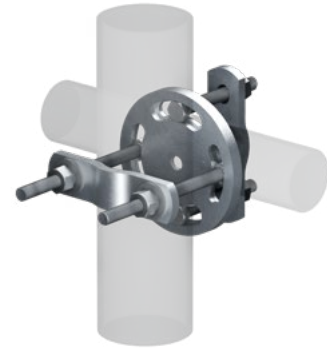


| Part #     | Description                                     | Weight | Price    |
|------------|-------------------------------------------------|--------|----------|
| SPTB       | Sliding Pipe Stiff Arm Assembly 2-3/8" pipe     | 89 lb  | \$314.50 |
| SPTB278    | Sliding Pipe Stiff Arm Assembly 2-7/8" pipe     | 115 lb | \$399.00 |
| SPTB-NP    | 2-3/8" Sliding Pipe Stiff Arm Hardware, No Pipe | 48 lb  | \$151.40 |
| SPTB278-NP | 2-7/8" Sliding Pipe Stiff Arm Hardware, No Pipe | 51 lb  | \$147.40 |

## Adjustable Clamp Plate Assembly

- Drop-forged design for increased strength and durability
- Hot-dip galvanized
- All hardware included
- Angle adjusts from 40° to 140°

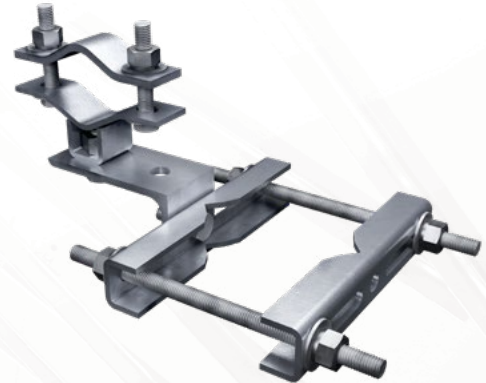
| Part # | Application       | Weight | Price   |
|--------|-------------------|--------|---------|
| PUCK   | 7/8" to 3-1/2" OD | 6.2 lb | \$54.10 |



## Universal Stiff Arm Attachment

- Pivoting design for ease of installation in even the most difficult applications
- Attaches to round or angle members
- All hardware included

| Part # | Application                                                | Weight | Price   |
|--------|------------------------------------------------------------|--------|---------|
| SAM-U  | 1" to 6" Round, 1" to 6" 60° Angles<br>1" to 4" 90° Angles | 8.6 lb | \$64.40 |



## Mini Ice Shield

- Universal mounting design with all hardware included
- Mounts to 1-1/4" to 10" round legs or 3" to 7" angle legs
- Sloped design protects antennas and equipment from falling ice
- Low cost and ships inexpensively

| Part # | Size      | Weight | Price    |
|--------|-----------|--------|----------|
| MIS-24 | 24" x 24" | 70 lb  | \$490.00 |



## Antenna Ice Shields

- Heavy-duty curved design helps shed snow and ice and minimizes antenna and ice shield damage from falling ice
- Mount to top of 4-1/2" antenna mounting pipe or tower leg
- Ice shields are stabilized with the included 200' of 3/8" diameter E.H.S. guy strand and seven 5/8" x 1' jaw-and-eye turnbuckles
- Other sizes available
- **Stocked in Salem, OR**



| Part # | Antenna Diameter | Weight   | Price       |
|--------|------------------|----------|-------------|
| CIS04  | 4'               | 580 lb   | \$5,480.00  |
| CIS06  | 6'               | 740 lb   | \$7,690.00  |
| CIS08  | 8'               | 960 lb   | \$8,015.00  |
| CIS10  | 10'              | 1,120 lb | \$12,120.00 |

## Ice Shields for Microwave Dishes

- Protect antennas from falling ice
- Mount to 4-1/2" pipe mount used for dish; 8' and 10' ice shields require separate 4-1/2" OD pipe mounts (p. 62)
- Kits include ice shield and mounting hardware, do not include pipe mount
- Other sizes available
- **Stocked in Plymouth, IN and Carrollton, TX**



| Part # | Antenna Diameter | Size       | Weight | Price      |
|--------|------------------|------------|--------|------------|
| ISMD4  | 4'               | 48" x 62"  | 325 lb | \$2,620.00 |
| ISMD6  | 6'               | 72" x 62"  | 365 lb | \$2,975.00 |
| ISMD8  | 8'               | 96" x 62"  | 445 lb | \$3,675.00 |
| ISMD10 | 10'              | 120" x 62" | 500 lb | \$4,175.00 |





## Pipe Mount Extension for Ice Shields

- Extends a 4-1/2" OD antenna mounting pipe by 2'
- Allows installation of an antenna ice shield when the antenna's pipe mount is too short
- The extension slips inside the 4-1/2" OD sch. 40 pipe mount, and is secured by the ice shield's weight and stabilizing guy strands

| Part # | Description             | Weight | Price    |
|--------|-------------------------|--------|----------|
| PME2   | 2' Pipe Mount Extension | 41 lb  | \$302.00 |



## Platform Canopies

- Protect cabinets and cables from falling debris or ice
- Constructed from 4" x 4" x 1/4" angles and 12 gauge grip strut
- Available with direct burial pipe columns or base shoe pipe columns with wedge anchors
- Easy to install; no field cutting or drilling required



| Part #    | Size      | Pipes                       | Weight | Price      |
|-----------|-----------|-----------------------------|--------|------------|
| COV610    | 10' x 6'  | 3-1/2" OD, 13'-4" Burial    | 715 lb | \$3,910.00 |
| COV810    | 10' x 8'  | 3-1/2" OD, 13'-4" Burial    | 805 lb | \$4,710.00 |
| COV1010   | 10' x 10' | 3-1/2" OD, 13'-4" Burial    | 905 lb | \$5,475.00 |
| COV1012   | 10' x 12' | 3-1/2" OD, 13'-4" Burial    | 975 lb | \$6,275.00 |
| COV612    | 12' x 6'  | 3-1/2" OD, 13'-4" Burial    | 755 lb | \$4,385.00 |
| COV812    | 12' x 8'  | 3-1/2" OD, 13'-4" Burial    | 860 lb | \$5,335.00 |
| COV610-B  | 10' x 6'  | 3-1/2" OD, 10'-6" Base Shoe | 690 lb | \$4,080.00 |
| COV810-B  | 10' x 8'  | 3-1/2" OD, 10'-6" Base Shoe | 780 lb | \$4,675.00 |
| COV1010-B | 10' x 10' | 3-1/2" OD, 10'-6" Base Shoe | 880 lb | \$5,385.00 |
| COV1012-B | 10' x 12' | 3-1/2" OD, 10'-6" Base Shoe | 950 lb | \$6,090.00 |
| COV612-B  | 12' x 6'  | 3-1/2" OD, 10'-6" Base Shoe | 730 lb | \$4,215.00 |
| COV812-B  | 12' x 8'  | 3-1/2" OD, 10'-6" Base Shoe | 835 lb | \$5,165.00 |



Now with pre-cut and pre-drilled angles

## Cable Ladders

- Each 20' section includes six waveguide brackets that are pre-punched for snap-in hangers and butterfly hangers
- Hole pattern allows 40" (6 brackets per section) or 60" (4 brackets per section) spacing
- 1-3/4" x 1-3/4" x 1/8" side rails
- Each kit includes splices to attach additional sections
- All parts are hot-dip galvanized
- **Purchase attachment kits separately**  
(minimum of two kits required per 20' ladder section)



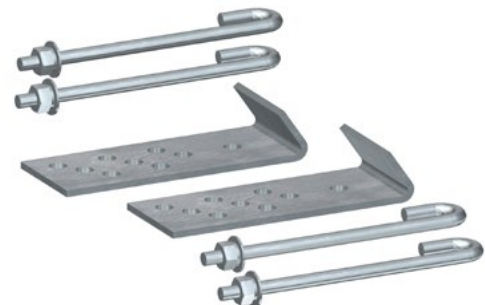
| Part # | # of Runs | Length | Width   | Weight | Price    |
|--------|-----------|--------|---------|--------|----------|
| WCL4   | 4         | 20'    | 14"     | 73 lb  | \$295.00 |
| WCL6   | 6         | 20'    | 20-5/8" | 77 lb  | \$305.00 |
| WCL9   | 9         | 20'    | 29-5/8" | 82 lb  | \$330.00 |
| WCL12  | 12        | 20'    | 38-5/8" | 88 lb  | \$345.00 |



## Universal Ladder Attachment Kit

- Used to attach cable ladders to towers
- Use a minimum of two kits per 20' section of ladder
- Kit includes two formed plate brackets and four J-bolt assemblies
- All parts are hot-dip galvanized

| Part # | Application                                    | Weight | Price   |
|--------|------------------------------------------------|--------|---------|
| CLK-U  | Universal (angles 2" - 5" & pipes 1" - 4-1/2") | 5 lb   | \$27.80 |

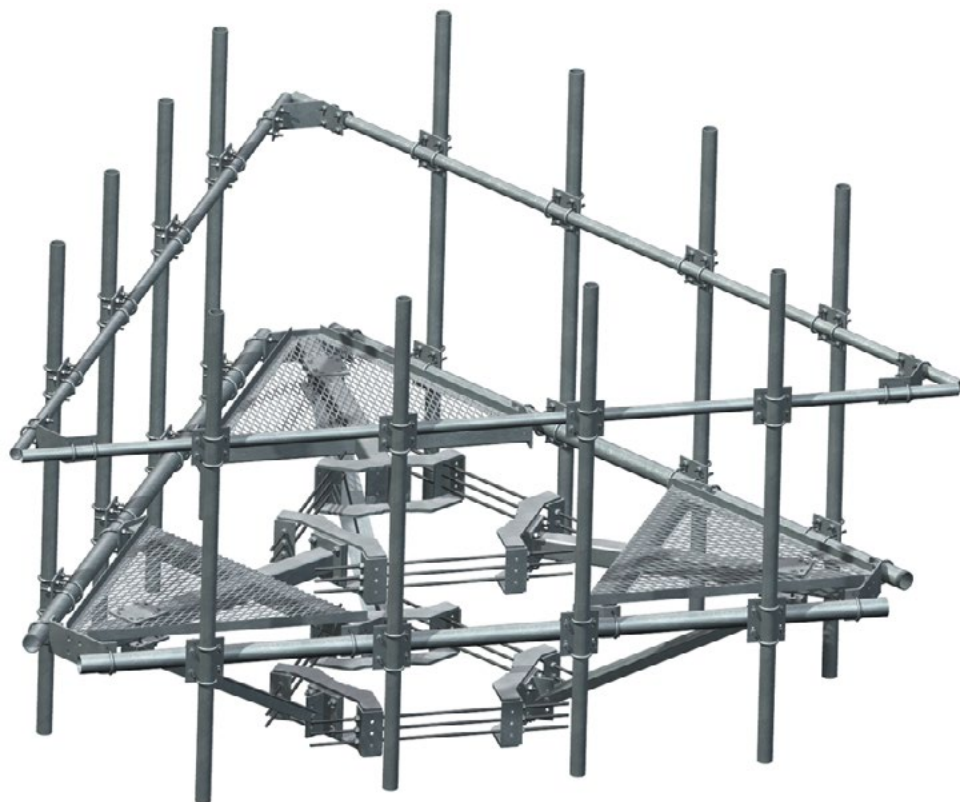


## A tower that rises above.

At Valmont® Telecom, towers that rise above do more than simply tower over the landscape. Rising above is the same standard we apply to design, manufacturing, durability, and maintenance. Our Olympus™ guyed towers are available with multiple options and tower heights of up to 1500 feet.

Learn more at [ValmontTelecom.com](https://ValmontTelecom.com)

# MONOPOLE STEEL





# There's a reason we called it a fortress.

## Unprecedented strength and engineering ingenuity

The world's strongest single-level monopole platform.

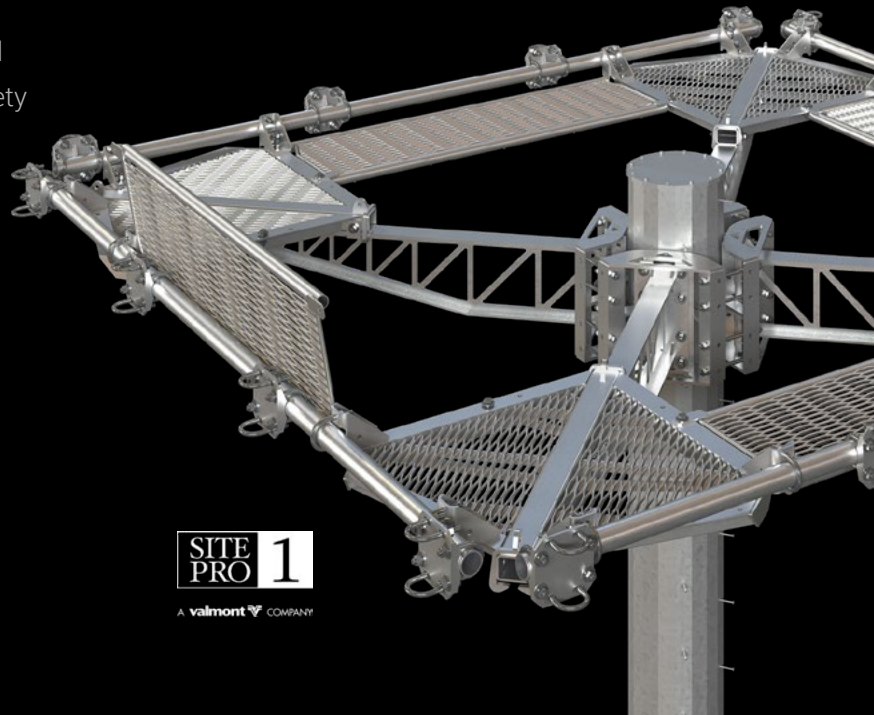
- Patent-pending design is three times stronger than typical mounts
- No need for additional platform reinforcement
- No second ring mount needed
- Simplified installation with minimal hardware needed
- Flush walkway and lack of sharp edges enhance safety
- Extremely low EPA
- Flip-Up grating sections allow easy tech access
- Welded design minimizes installation time
- Available in 8', 10', 12', or 14' sizes



TRI EDITION



QUAD EDITION



Learn more at [SitePro1.com/Fortress](https://SitePro1.com/Fortress)

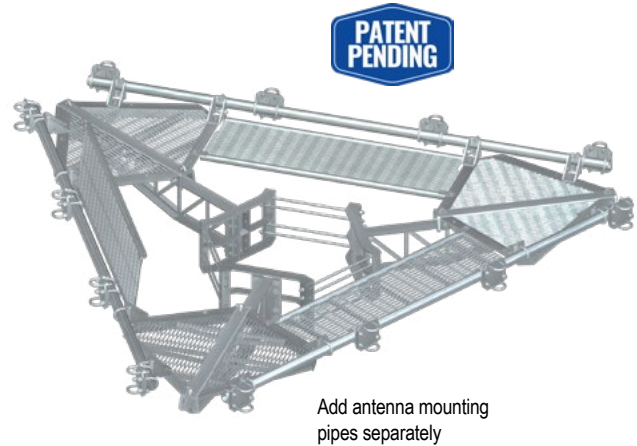


A valmont COMPANY



## Fortress™ Tri-Platform Mount Kits

- The Fortress™ Tri-Platform is the strongest monopole platform we have ever built; it's robust design eliminates the need for a second ring mount and reinforcement kit
- The revolutionary new truss design makes the Fortress™ Tri-Platform three times stronger than ordinary platform mounts while maintaining a low EPA
- Innovative hinged grating sections allow easy access to walkway; flush walkway and the lack of sharp edges make this platform safe for climbers
- Welded design requires minimal hardware; all hardware is 5/8" to further simplify assembly
- Kits include hardware to mount up to twelve 2-3/8" or 2-7/8" antenna mounting pipes (order separately, p. 154)
- No-grating versions of the Fortress platform are also available, contact us for details
- Contact us for load and engineering data



| Part #  | Pole Diameter | Pole Circumference | Face Width | Weight   | Price       |
|---------|---------------|--------------------|------------|----------|-------------|
| F3P-8W  | 12" - 30"     | 37.7" - 94.2"      | 9' - 0"    | 1,850 lb | \$8,585.00  |
| F3P-10W | 12" - 45"     | 37.7" - 141.3"     | 10' - 6"   | 1,925 lb | \$8,955.00  |
| F3P-12W | 12" - 45"     | 37.7" - 141.3"     | 12' - 6"   | 2,130 lb | \$9,630.00  |
| F3P-14W | 12" - 45"     | 37.7" - 141.3"     | 14' - 6"   | 2,335 lb | \$10,060.00 |

### Reinforcement Kits

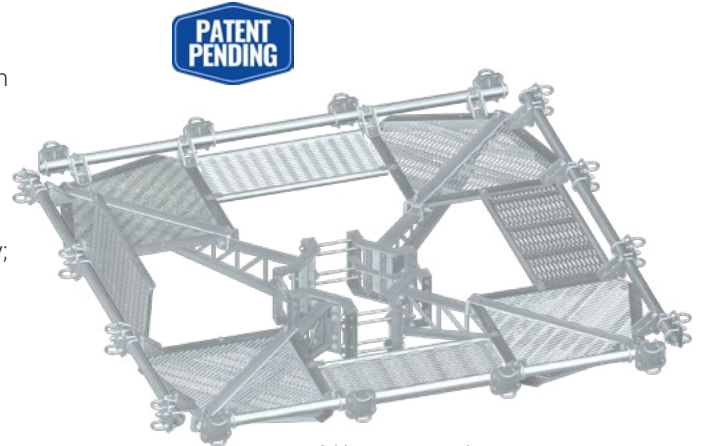
| Part#   | Platform Style         | Pole Diameter | Weight | Price      |
|---------|------------------------|---------------|--------|------------|
| CRK-DC3 | Fortress F3P           | 12" - 45"     | 349 lb | \$1,640.00 |
| RM-ADK  | Large Pole Adapter Kit | 45" to 60"    | 106 lb | \$480.00   |

### Handrail Kits

| Part #    | Description                       | Weight | Price      |
|-----------|-----------------------------------|--------|------------|
| F3P-HRK8  | Handrail Kit for F3P-8W Platform  | 375 lb | \$2,035.00 |
| F3P-HRK10 | Handrail Kit for F3P-10W Platform | 395 lb | \$2,055.00 |
| F3P-HRK12 | Handrail Kit for F3P-12W Platform | 410 lb | \$2,105.00 |
| F3P-HRK14 | Handrail Kit for F3P-14W Platform | 440 lb | \$2,145.00 |

## Fortress™ Quad-Platform Mount Kits

- The Fortress™ Quad-Platform is the strongest monopole platform we have ever built; it's robust design eliminates the need for a second ring mount and reinforcement kit
- The revolutionary new truss design makes the Fortress™ Quad-Platform three times stronger than ordinary platform mounts while maintaining a low EPA
- Innovative hinged grating sections allow easy access to walkway; flush walkway and the lack of sharp edges make this platform safe for climbers
- Welded design requires minimal hardware; all hardware is 5/8" to further simplify assembly
- Kits include hardware to mount up to sixteen 2-3/8" or 2-7/8" antenna mounting pipes (order separately, p. 154)
- No-grating versions of the Fortress platform are also available, contact us for details
- Contact us for load and engineering data



Add antenna mounting pipes separately



| Part #  | Pole Diameter | Pole Circumference | Face Width | Weight   | Price       |
|---------|---------------|--------------------|------------|----------|-------------|
| F4P-8W  | 12" - 36"     | 37.7" - 113.0"     | 9' - 0"    | 2,425 lb | \$11,280.00 |
| F4P-10W | 12" - 54"     | 37.7" - 169.6"     | 10' - 6"   | 2,525 lb | \$11,765.00 |
| F4P-12W | 12" - 60"     | 37.7" - 188.4"     | 12' - 6"   | 2,780 lb | \$12,665.00 |
| F4P-14W | 12" - 60"     | 37.7" - 188.4"     | 14' - 6"   | 3,060 lb | \$13,225.00 |

### Reinforcement Kits

| Part#   | Platform Style | Pole Diameter | Weight | Price      |
|---------|----------------|---------------|--------|------------|
| CRK-DC4 | Fortress F4P   | 12" - 60"     | 409 lb | \$2,070.00 |

### Handrail Kits

| Part #    | Description                       | Weight | Price      |
|-----------|-----------------------------------|--------|------------|
| F4P-HRK8  | Handrail Kit for F4P-8W Platform  | 465 lb | \$2,580.00 |
| F4P-HRK10 | Handrail Kit for F4P-10W Platform | 490 lb | \$2,610.00 |
| F4P-HRK12 | Handrail Kit for F4P-12W Platform | 510 lb | \$2,680.00 |
| F4P-HRK14 | Handrail Kit for F4P-14W Platform | 550 lb | \$2,740.00 |

## Platform RRU Mount Kits

- Attach to Fortress truss arms or square tube arms up to 4"
- 2-7/8" OD pipe mast

| Part #   | Description           | Weight | Price    |
|----------|-----------------------|--------|----------|
| SAMAST-3 | 3' Platform RRU Mount | 29 lb  | \$122.50 |
| SAMAST-6 | 6' Platform RRU Mount | 45 lb  | \$146.50 |



## Low-Profile Co-Location Platform Kits for 9 Antennas

- Complete kits include:
  - Ring mount
  - Three support arms
  - Grating
  - Antenna mounting pipes and all hardware
- Note: NP versions do not include hardware for antenna mounting pipes; see pipe mount kits on p. 62
- See p. 44-48 for platform reinforcement kits
- Contact us for load and engineering data



Kit includes  
everything shown



| Part #     | Pole Diameter | Pole Circumference | Face Width | Mounting Pipes    | Weight   | Price      |
|------------|---------------|--------------------|------------|-------------------|----------|------------|
| RMQP-NP    | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | No Pipes          | 1,150 lb | \$4,795.00 |
| RMQP-396   | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | (9) 2-3/8" x 96"  | 1,590 lb | \$5,815.00 |
| RMQP-3126  | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | (9) 2-3/8" x 126" | 1,680 lb | \$6,105.00 |
| RMQLP-NP   | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | No Pipes          | 1,307 lb | \$5,255.00 |
| RMQLP-396  | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | (9) 2-3/8" x 96"  | 1,690 lb | \$6,275.00 |
| RMQLP-3126 | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | (9) 2-3/8" x 126" | 1,780 lb | \$6,560.00 |

### Larger Pole Sizes

| Part #    | Pole Diameter | Pole Circumference | Face Width | Mounting Pipes    | Weight   | Price      |
|-----------|---------------|--------------------|------------|-------------------|----------|------------|
| RMVP-NP   | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | No Pipes          | 1,355 lb | \$5,295.00 |
| RMVP-396  | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | (9) 2-3/8" x 96"  | 1,740 lb | \$6,740.00 |
| RMVP-3126 | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | (9) 2-3/8" x 126" | 1,830 lb | \$7,025.00 |

### Handrail Kits

| Part #  | Description                  | Pipes                           | Weight | Price      |
|---------|------------------------------|---------------------------------|--------|------------|
| HRK12   | Handrail Kit for 12'-6" Face | 2-3/8" Antenna Pipes            | 275 lb | \$1,010.00 |
| HRK14   | Handrail Kit for 14'-6" Face | 2-3/8" Antenna Pipes            | 305 lb | \$1,100.00 |
| HRK12-U | Handrail Kit for 12'-6" Face | 2-3/8" and 2-7/8" Antenna Pipes | 305 lb | \$1,115.00 |
| HRK14-U | Handrail Kit for 14'-6" Face | 2-3/8" and 2-7/8" Antenna Pipes | 340 lb | \$1,260.00 |

## Low-Profile Co-Location Platform Kits for 12 Antennas

- Complete kits include:
  - Ring mount
  - Three support arms
  - Grating
  - Antenna mounting pipes and all hardware
- Note: NP versions do not include hardware for antenna mounting pipes; see pipe mount kits on p. 62
- See p. 44-48 for platform reinforcement kits
- Contact us for load and engineering data



| Part #     | Pole Diameter | Pole Circumference | Face Width | Mounting Pipes     | Weight   | Price      |
|------------|---------------|--------------------|------------|--------------------|----------|------------|
| RMQP-NP    | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | No Pipes           | 1,150 lb | \$4,795.00 |
| RMQP-496   | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | (12) 2-3/8" x 96"  | 1,720 lb | \$6,165.00 |
| RMQP-4126  | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | (12) 2-3/8" x 126" | 1,840 lb | \$6,565.00 |
| RMQLP-NP   | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | No Pipes           | 1,307 lb | \$5,255.00 |
| RMQLP-496  | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | (12) 2-3/8" x 96"  | 1,815 lb | \$6,615.00 |
| RMQLP-4126 | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | (12) 2-3/8" x 126" | 1,935 lb | \$6,995.00 |

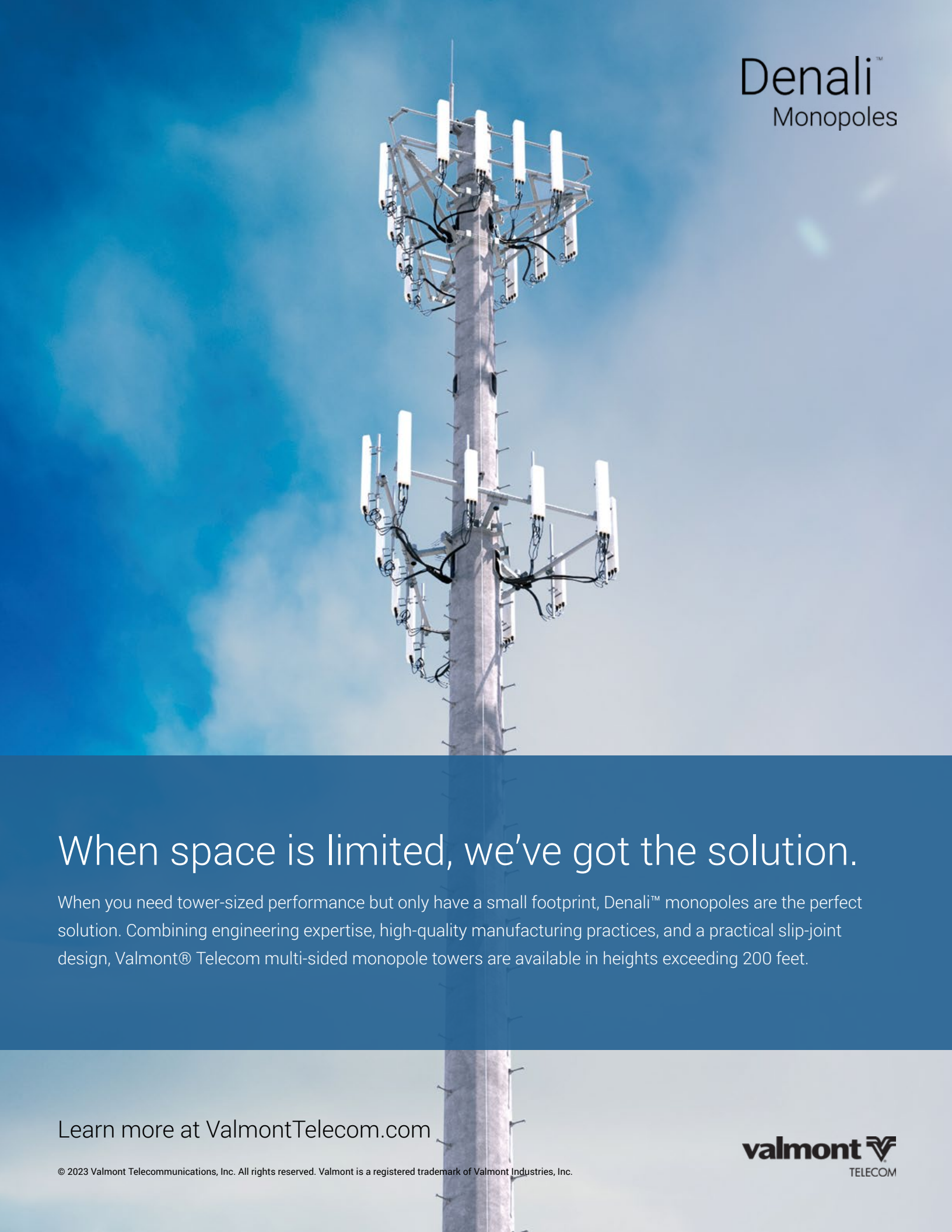
### Larger Pole Sizes

| Part #    | Pole Diameter | Pole Circumference | Face Width | Mounting Pipes     | Weight   | Price      |
|-----------|---------------|--------------------|------------|--------------------|----------|------------|
| RMVP-NP   | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | No Pipes           | 1,355 lb | \$5,295.00 |
| RMVP-496  | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | (12) 2-3/8" x 96"  | 1,870 lb | \$7,080.00 |
| RMVP-4126 | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | (12) 2-3/8" x 126" | 1,990 lb | \$7,465.00 |

### Handrail Kits

| Part #  | Description                  | Pipes                           | Weight | Price      |
|---------|------------------------------|---------------------------------|--------|------------|
| HRK12   | Handrail Kit for 12'-6" Face | 2-3/8" Antenna Pipes            | 275 lb | \$1,010.00 |
| HRK14   | Handrail Kit for 14'-6" Face | 2-3/8" Antenna Pipes            | 305 lb | \$1,100.00 |
| HRK12-U | Handrail Kit for 12'-6" Face | 2-3/8" and 2-7/8" Antenna Pipes | 305 lb | \$1,115.00 |
| HRK14-U | Handrail Kit for 14'-6" Face | 2-3/8" and 2-7/8" Antenna Pipes | 340 lb | \$1,260.00 |





# Denali™ Monopoles

## When space is limited, we've got the solution.

When you need tower-sized performance but only have a small footprint, Denali™ monopoles are the perfect solution. Combining engineering expertise, high-quality manufacturing practices, and a practical slip-joint design, Valmont® Telecom multi-sided monopole towers are available in heights exceeding 200 feet.

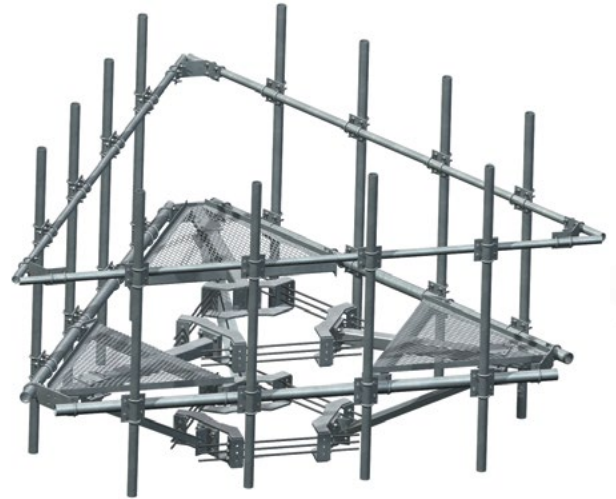
Learn more at [ValmontTelecom.com](https://ValmontTelecom.com)

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TELECOM

## Low-Profile Platform Kits for 12 Antennas Plus RRU's

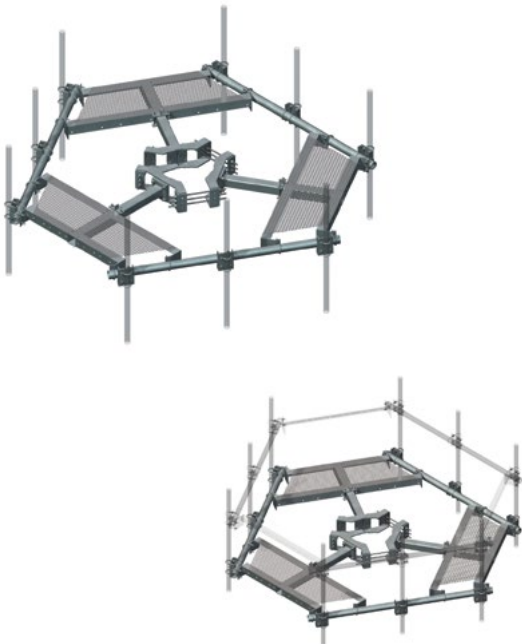
- Safely support multiple RRU's plus twelve antennas
- Second ring mount below adds additional support
- Integral handrails provide added strength and easy antenna and RRU mounting as well as worker safety
- Complete kits include:
  - Two ring mounts
  - Three support arms
  - One platform reinforcement kit
  - Handrail kit
  - Grating
  - Antenna mounting pipes and all hardware
- Contact us for load and engineering data



| Part #        | Pole Diameter | Pole Circumference | Face Width | Mounting Pipes     | Weight   | Price       |
|---------------|---------------|--------------------|------------|--------------------|----------|-------------|
| RMQP-496-HK   | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | (12) 2-3/8" x 96"  | 2,450 lb | \$9,265.00  |
| RMQP-4126-HK  | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | (12) 2-3/8" x 126" | 2,595 lb | \$9,605.00  |
| RMQP-4096-HK  | 12" - 38"     | 37.7" - 119.3"     | 12'-6"     | (12) 2-7/8" x 96"  | 2,670 lb | \$10,445.00 |
| RMQLP-496-HK  | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | (12) 2-3/8" x 96"  | 2,620 lb | \$9,725.00  |
| RMQLP-4126-HK | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | (12) 2-3/8" x 126" | 2,740 lb | \$10,085.00 |
| RMQLP-4096-HK | 12" - 38"     | 37.7" - 119.3"     | 14'-6"     | (12) 2-7/8" x 96"  | 2,815 lb | \$11,275.00 |
| RMVP-496-HK   | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | (12) 2-3/8" x 96"  | 2,730 lb | \$10,295.00 |
| RMVP-4126-HK  | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | (12) 2-3/8" x 126" | 2,875 lb | \$10,580.00 |
| RMVP-4096-HK  | 30" - 60"     | 94.2" - 188.4"     | 14'-6"     | (12) 2-7/8" x 96"  | 2,950 lb | \$11,370.00 |

Magnum Snub-Nose Platform Kits

- Available in 8' and 10' versions
- Our low-profile design offers a lower EPA for reduced loads on the tower
- This robust platform supports live loads of 500 lb
- Handrail kit option provides added strength and easy antenna and RRU mounting as well as worker safety
- Add "HR" to the part number (example SNP8HR-NP) for platform with handrail kit
- Simple design for ease of assembly
- Complete kits include:
  - Ring mount
  - Three support arms
  - Grating
  - Antenna mounting pipes and all hardware
- Note: NP versions do not include antenna mounting pipes or hardware; see pipe mount kits on p. 62
- See p. 44-48 for platform reinforcement kits
- Contact us for load and engineering data



8' Platforms

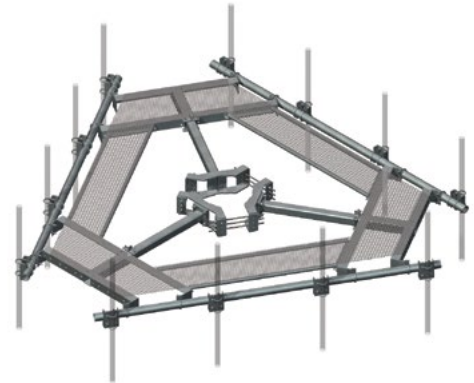
| Part #    | Pole Diameter       | Pole Circumference | Face Width | Mounting Pipes    | Weight   | Price      |
|-----------|---------------------|--------------------|------------|-------------------|----------|------------|
| SNP8-NP   | 12" - 45"           | 37.7" - 141.3"     | 8'         | None              | 1,245 lb | \$4,830.00 |
| SNP8-396  | 12" - 45"           | 37.7" - 141.3"     | 8'         | (9) 2-3/8" x 96"  | 1,465 lb | \$5,750.00 |
| SNP8-3126 | 12" - 45"           | 37.7" - 141.3"     | 8'         | (9) 2-3/8" x 126" | 1,585 lb | \$6,035.00 |
| HRA8      | 2-7/8" Handrail Kit |                    |            |                   | 310 lb   | \$1,115.00 |

10' Platforms

| Part #     | Pole Diameter       | Pole Circumference | Face Width | Mounting Pipes     | Weight   | Price      |
|------------|---------------------|--------------------|------------|--------------------|----------|------------|
| SNP10-NP   | 12" - 45"           | 37.7" - 141.3"     | 10'        | None               | 1,350 lb | \$6,880.00 |
| SNP10-396  | 12" - 45"           | 37.7" - 141.3"     | 10'        | (9) 2-3/8" x 96"   | 1,515 lb | \$7,900.00 |
| SNP10-3126 | 12" - 45"           | 37.7" - 141.3"     | 10'        | (9) 2-3/8" x 126"  | 1,605 lb | \$8,190.00 |
| SNP10-496  | 12" - 45"           | 37.7" - 141.3"     | 10'        | (12) 2-3/8" x 96"  | 1,645 lb | \$8,235.00 |
| SNP10-4126 | 12" - 45"           | 37.7" - 141.3"     | 10'        | (12) 2-3/8" x 126" | 1,765 lb | \$8,625.00 |
| HRA10      | 2-7/8" Handrail Kit |                    |            |                    | 365 lb   | \$1,305.00 |

## Magnum Full Walkway Snub-Nose Platform Kits

- Available in 12' & 14' versions
- Our low-profile design offers a lower EPA for reduced loads on the tower
- These platforms support live loads of 500 lb
- Handrail kit option provides added strength and easy antenna and RRU mounting as well as worker safety
- Add "HR" to the part number (example SNP12HR-NP) for platform with handrail kit
- Simple design for ease of assembly
- Complete kits include:
  - Ring mount
  - Three support arms
  - Grating
  - Antenna mounting pipes and all hardware
- Note: NP versions do not include antenna mounting pipes or hardware; see pipe mount kits on p. 62
- See p. 44-48 for platform reinforcement kits
- Contact us for load and engineering data



### 12' Platforms

| Part #     | Pole Diameter       | Pole Circumference | Face Width | Mounting Pipes     | Weight   | Price      |
|------------|---------------------|--------------------|------------|--------------------|----------|------------|
| SNP12-NP   | 12" - 45"           | 37.7" - 141.3"     | 12'        | None               | 1,735 lb | \$7,090.00 |
| SNP12-396  | 12" - 45"           | 37.7" - 141.3"     | 12'        | (9) 2-3/8" x 96"   | 1,900 lb | \$8,120.00 |
| SNP12-3126 | 12" - 45"           | 37.7" - 141.3"     | 12'        | (9) 2-3/8" x 126"  | 1,990 lb | \$8,400.00 |
| SNP12-496  | 12" - 45"           | 37.7" - 141.3"     | 12'        | (12) 2-3/8" x 96"  | 2,030 lb | \$8,525.00 |
| SNP12-4126 | 12" - 45"           | 37.7" - 141.3"     | 12'        | (12) 2-3/8" x 126" | 2,150 lb | \$8,840.00 |
| HRA12      | 2-7/8" Handrail Kit |                    |            |                    | 420 lb   | \$1,435.00 |

### 14' Platforms

| Part #     | Pole Diameter       | Pole Circumference | Face Width | Mounting Pipes     | Weight   | Price      |
|------------|---------------------|--------------------|------------|--------------------|----------|------------|
| SNP14-NP   | 12" - 45"           | 37.7" - 141.3"     | 14'        | None               | 1,780 lb | \$7,190.00 |
| SNP14-396  | 12" - 45"           | 37.7" - 141.3"     | 14'        | (9) 2-3/8" x 96"   | 1,945 lb | \$8,120.00 |
| SNP14-3126 | 12" - 45"           | 37.7" - 141.3"     | 14'        | (9) 2-3/8" x 126"  | 2,035 lb | \$8,405.00 |
| SNP14-496  | 12" - 45"           | 37.7" - 141.3"     | 14'        | (12) 2-3/8" x 96"  | 2,075 lb | \$8,550.00 |
| SNP14-4126 | 12" - 45"           | 37.7" - 141.3"     | 14'        | (12) 2-3/8" x 126" | 2,195 lb | \$8,935.00 |
| HRA14      | 2-7/8" Handrail Kit |                    |            |                    | 440 lb   | \$1,565.00 |

CAGE TOP™ Platform Reinforcement Kit

- Adds additional capacity to existing 12'-6" platforms
- Complete kits Includes:
  - Ring mount
  - Three support arms
  - Platform cross arms and bracing
  - Attaching hardware for (12) 2-3/8" or 2-7/8" OD antenna mounting pipes (sold separately, p. 154)
- Optional handrail kit includes 2-3/8" handrails and hardware to attach to 2-3/8" or 2-7/8" antenna mounting pipes
- Contact us for detailed load and engineering data



| Part#    | Face Width                       | Pole Diameter | Antenna Pipe (order separately) | Weight   | Price      |
|----------|----------------------------------|---------------|---------------------------------|----------|------------|
| CAGE-TOP | 12'-6"                           | 12" to 45"    | 2-3/8" or 2-7/8"                | 2,147 lb | \$4,775.00 |
| CAGE-HRK | 12'-6"                           | ---           | 2-3/8" or 2-7/8"                | 254 lb   | \$970.00   |
| RM-ADK   | 45" – 60" Large Pole Adapter Kit |               |                                 | 106 lb   | \$480.00   |

Universal Diagonal Support Brace Kit **NEW**

- This diagonal support brace kit is used to reinforce platform handrails
- Angle braces require field cutting and drilling to suit
- One kit required per sector
- Hardware included
- Hot-dip galvanized

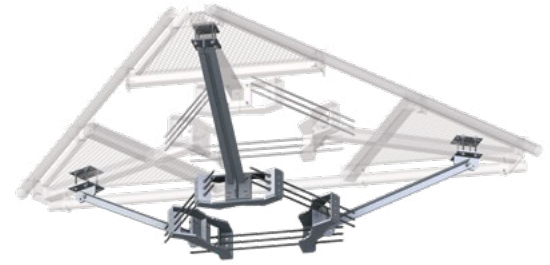


| Part#  | Handrail Size   | Platform Support Size | Weight | Price    |
|--------|-----------------|-----------------------|--------|----------|
| DSRB-U | Up to 4-1/2" OD | Up to 6" square tube  | 132 lb | \$690.00 |



## Monopole Reinforcement Kits for Platforms or T-Arms

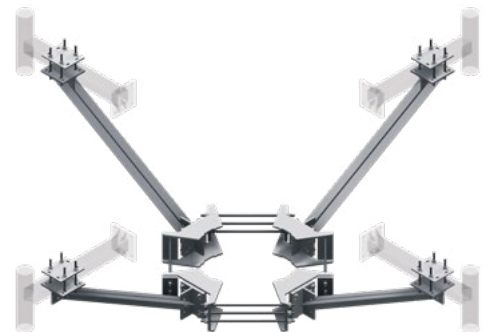
- Simple bolt-on reinforcement kits include ring mount and support arms to reinforce existing platforms or T-arms when increased dead load is required (multiple RRU's)
- Fit round or polygon poles from 12" to 45" diameter, or up to 60" with the addition of the RM-ADK large pole adapter kit
- The maximum additional vertical load capacity gained is 4,000 lb per sector arm (12,000 lb total)
- PRK-1245, PRK-1245L, and PRK-NA hardware kits fit up to 4" round or square tube standoff arms
- PRK-1245LW hardware kit fits up to 6" round or square tube standoff arms
- PRK-HD hardware kit fits up to 5" round or square tube standoff arms
- Contact us for detailed load and engineering data



| Part#      | Description                                         | Pole Diameter | Horizontal Connection | Angle Size                       | Weight | Price      |
|------------|-----------------------------------------------------|---------------|-----------------------|----------------------------------|--------|------------|
| PRK-1245   | Reinforcement Kit                                   | 12" to 45"    | 4" x 4" Max           | 2L 2-1/2" x 2-1/2" x 3/16" x 52" | 467 lb | \$2,020.00 |
| PRK-1245L  | Long Reinforcement Kit                              | 12" to 45"    | 4" x 4" Max           | 2L 2-1/2" x 2-1/2" x 3/16" x 84" | 518 lb | \$2,520.00 |
| PRK-NA     | Attachment hardware only, no angles (arms) included | 12" to 45"    | 4" x 4" Max           | Order Separately                 | 381 lb | \$1,725.00 |
| PRK-1245LW | Reinforcement Kit, Wide Connection                  | 12" to 45"    | 6" x 6" Max           | 2L 2-1/2" x 2-1/2" x 3/16" x 84" | 565 lb | \$2,845.00 |
| PRK-HD     | Reinforcement Kit, Heavy-Duty Angle                 | 12" to 45"    | 5" x 5" Max           | 2L 3" x 3" x 1/4" x 84"          | 628 lb | \$3,325.00 |
| RM-ADK     | Large Pole Adapter Kit                              | 45" to 60"    | ---                   | ---                              | 106 lb | \$480.00   |

## Quad Reinforcement Kits for Platforms or T-Arms

- Simple bolt-on reinforcement kits include ring mount and support arms to reinforce existing platforms or T-arms when increased dead load is required (multiple RRU's)
- Fit round or polygon poles from 12" to 60" diameter
- Increase platform dead load capacity up to 5,600 lb per sector; contact us for detailed load and engineering data
- The maximum additional vertical load capacity gained is 3,000 lb per sector arm (12,000 lb total)
- Attaching hardware fits up to 4" round or square tube standoff arms
- Contact us for detailed load and engineering data



| Part#    | Description                                         | Pole Diameter | Horizontal Connection | Angle Size                       | Weight | Price      |
|----------|-----------------------------------------------------|---------------|-----------------------|----------------------------------|--------|------------|
| PQ-1245  | Reinforcement Kit                                   | 12" to 60"    | 4" x 4" Max           | 2L 2-1/2" x 2-1/2" x 3/16" x 52" | 605 lb | \$2,685.00 |
| PQ-1245L | Long Reinforcement Kit                              | 12" to 60"    | 4" x 4" Max           | 2L 2-1/2" x 2-1/2" x 3/16" x 84" | 677 lb | \$3,185.00 |
| PQ-NA    | Attachment hardware only, no angles (arms) included | 12" to 60"    | 4" x 4" Max           | Order Angle Separately           | 456 lb | \$2,075.00 |

## V-Style Monopole Reinforcement Kits (Pipe)

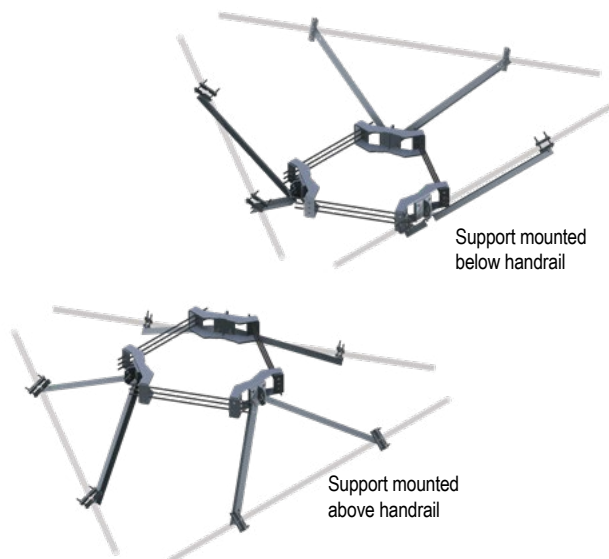
- Simple bolt-on reinforcement kits include ring mount and pipe support arms to reinforce existing platforms or T-arms when increased dead load is required (multiple RRU's)
- Fit round or polygon poles from 12" to 45" diameter, or up to 60" with the addition of the RM-ADK large pole adapter kit
- Fit 2-3/8" or 2-7/8" OD crossarms
- Pipe bracing for reduced wind area
- Contact us for detailed load and engineering data



| Part#     | Description            | Pole Diameter | Horizontal Connection | Pipe Size | Weight | Price      |
|-----------|------------------------|---------------|-----------------------|-----------|--------|------------|
| VSK-MHD   | Reinforcement Kit      | 12" to 45"    | 2-3/8" or 2-7/8"      | 2-7/8"    | 525 lb | \$2,305.00 |
| VSK-MHD-L | Long Reinforcement Kit | 12" to 45"    | 2-3/8" or 2-7/8"      | 2-7/8"    | 585 lb | \$2,530.00 |
| RM-ADK    | Large Pole Adapter Kit | 45" to 60"    | ---                   | ---       | 106 lb | \$480.00   |

## V-Style Monopole Reinforcement Kits (Angle)

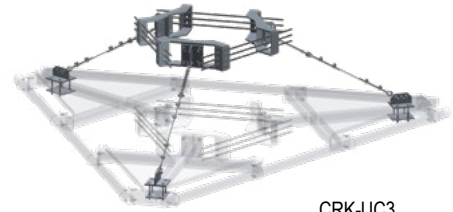
- Provide extra rigidity to new or existing platform handrails
- Reinforcement kits can be installed to support the handrails from above or below
- PRK-SFS and PRK-SFS-L fit round or polygon poles from 12" to 45" diameter, or up to 60" diameter with the addition of the RM-ADK large pole adapter Kit
- PQ-SFS fits round or polygon poles from 12" to 60" diameter
- Handrail connection hardware fits round members 1" to 3-1/2" OD



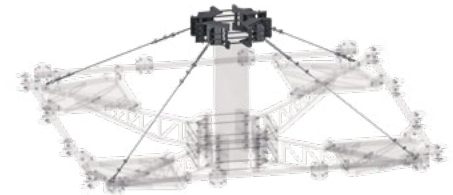
| Part#     | Description                           | Angle Size                          | Weight | Price      |
|-----------|---------------------------------------|-------------------------------------|--------|------------|
| PRK-SFS   | Handrail Reinforcement Kit            | L 2-1/2" x 2-1/2" x 3/16" x 52-1/2" | 574 lb | \$2,130.00 |
| PRK-SFS-L | Long Angle Handrail Reinforcement Kit | L 2-1/2" x 2-1/2" x 3/16" x 72"     | 643 lb | \$2,630.00 |
| PQ-SFS    | Quad Handrail Reinforcement Kit       | L 2-1/2" x 2-1/2" x 1/4" x 120"     | 758 lb | \$5,035.00 |
| RM-ADK    | Large Pole Adapter Kit for PRK Kits   | ---                                 | 106 lb | \$480.00   |

## Cable Platform Reinforcement Kits

- Cable reinforcement kits provide additional capacity for Fortress™ or other monopole platforms
- Extremely low EPA
- Clamp ring mounts a minimum of 48" above the platform
- 5/16" galvanized aircraft cable
- Universal kit attaching hardware fits up to 4" square tube or round support arms
- Attach to the platform with 5/16" shackles
- CRK-DC3 and CRK-UC3 fit round or polygon poles from 12" to 45" diameter or up to 60" with the addition of the RM-ADK large pole adapter kit
- CRK-DC4 and CRK-UC4 fit round or polygon poles from 12" to 60" diameter



CRK-UC3

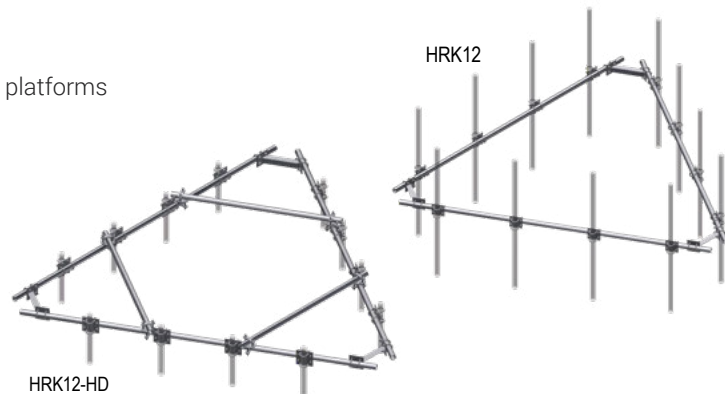


CRK-DC4

| Part#   | Platform Style                                            | Pole Diameter | Horizontal Connection | Weight | Price      |
|---------|-----------------------------------------------------------|---------------|-----------------------|--------|------------|
| CRK-DC3 | Fortress F3P                                              | 12" – 45"     | 4" x 4" Max           | 349 lb | \$1,640.00 |
| CRK-DC4 | Fortress F4P                                              | 12" – 60"     | 4" x 4" Max           | 409 lb | \$2,070.00 |
| CRK-UC3 | Universal                                                 | 12" – 45"     | 4" x 4" Max           | 415 lb | \$1,865.00 |
| CRK-UC4 | Universal                                                 | 12" – 60"     | 4" x 4" Max           | 497 lb | \$2,505.00 |
| RM-ADK  | 45" to 60" Large Pole Adapter Kit for CRK-DC3 and CRK-UC3 |               | ---                   | 106 lb | \$480.00   |

## Universal Platform Handrail Kits

- Use to add handrails and antenna pipe support to existing platforms
- Universal designs work for a wide variety of platforms
- Complete kits include:
  - Handrail pipes
  - Three corner brace kits
  - Twelve crossover plates and hardware
  - HD kits include 3 additional cross brace supports
- Order antenna mounting pipes separately (p. 154)



HRK12-HD

| Part#     | Face Width | Handrail Pipe Size | Antenna Mounting Pipe Size | Weight | Price      |
|-----------|------------|--------------------|----------------------------|--------|------------|
| HRK12     | 12'-6"     | 2-3/8" OD x 150"   | 2-3/8"                     | 273 lb | \$1,010.00 |
| HRK14     | 14'-6"     | 2-3/8" OD x 174"   | 2-3/8"                     | 303 lb | \$1,100.00 |
| HRK12-HD  | 12'-6"     | 2-3/8" OD x 150"   | 2-3/8" or 2-7/8"           | 407 lb | \$1,745.00 |
| HRK14-HD  | 14'-6"     | 2-3/8" OD x 174"   | 2-3/8" or 2-7/8"           | 449 lb | \$1,825.00 |
| HRK12-3HD | 12'-6"     | 2-7/8" OD x 150"   | 2-3/8" or 2-7/8"           | 503 lb | \$2,065.00 |
| HRK14-3HD | 14'-6"     | 2-7/8" OD x 174"   | 2-3/8" or 2-7/8"           | 525 lb | \$2,195.00 |

## Handrail Reinforcement Kits

- Provide extra rigidity for existing platform handrails
- Bracing attaches to platform standoff arms
- HSRK-35 hardware fits up to 5" round or square tube standoff arms; HSRK-66 hardware fits up to 6" round or square tube standoff arms
- Handrail attachment hardware fits pipe handrails up to 3-1/2" OD
- Kit installation requires field cutting and drilling
- Kit includes bracing and attaching hardware for one corner of the platform



| Part#   | Angle Size             | Weight | Price    |
|---------|------------------------|--------|----------|
| HSRK-35 | L 3" x 3" x 1/4" x 96" | 142 lb | \$930.00 |
| HSRK-66 | L 3" x 3" x 1/4" x 96" | 143 lb | \$945.00 |



## Handrail Corner Plate Kit

- Use to reinforce handrails on existing 3-sided platforms
- Kit includes three corner brackets and attaching hardware
- Fits pipe handrails 2-3/8" to 3-1/2" OD

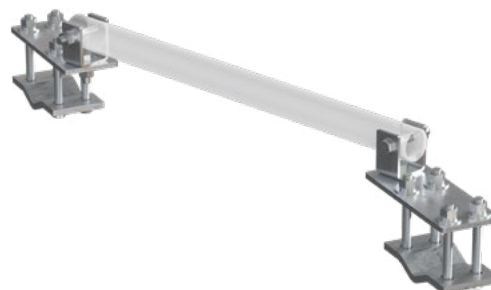
| Part # | Description               | Weight | Price    |
|--------|---------------------------|--------|----------|
| AHCP   | Handrail Corner Plate Kit | 67 lb  | \$235.00 |



## Double End Pipe Handrail Reinforcement Kit NEW

- This kit includes the hardware required for use with a 2-3/8" pipe stiff arm
- Brackets fit pipe up to 4-1/2" OD
- Can also be attached to angle members (field drilling may be required)
- Purchase 2-3/8" pipe separately (p. 154)
- Hot-dip galvanized

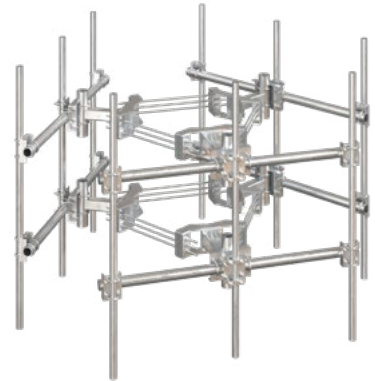
| Part #    | Description                | Stiff Arm Size                 | Weight | Price    |
|-----------|----------------------------|--------------------------------|--------|----------|
| DETB-K-NP | Handrail Reinforcement Kit | 2-3/8" OD<br>(sold separately) | 34 lb  | \$360.00 |



## Monopole Dual-Level Triple T-Arm Kits



- These dual-level kits are ideal for heavily loaded and concealment sites
- Kits include two ring mounts, six support arms, six 3-1/2" horizontal crossarms, and listed antenna mounting pipes and hardware
- NP versions require antenna pipe mounting hardware; see pipe mount kits on p. 62
- See p. 62 for work support platforms
- See p. 45-46 for T-arm reinforcement kits
- Contact us for load and engineering data



### 8' Face

| Part #        | Pole Diameter | Standoff Length | Mounting Pipes    | Weight   | Price      |
|---------------|---------------|-----------------|-------------------|----------|------------|
| RMVD8-18-NPNH | 12" - 45"     | 18"             | None              | 1,530 lb | \$5,475.00 |
| RMVD8-296-18  | 12" - 45"     | 18"             | (9) 2-3/8" x 96"  | 1,880 lb | \$6,980.00 |
| RMVD8-2120-18 | 12" - 45"     | 18"             | (9) 2-3/8" x 120" | 1,940 lb | \$7,225.00 |
| RMVD8-24-NPNH | 12" - 45"     | 24"             | None              | 1,565 lb | \$5,550.00 |
| RMVD8-296-24  | 12" - 45"     | 24"             | (9) 2-3/8" x 96"  | 1,915 lb | \$7,060.00 |
| RMVD8-2120-24 | 12" - 45"     | 24"             | (9) 2-3/8" x 120" | 1,975 lb | \$7,290.00 |
| RMVD8-3-NPNH  | 12" - 45"     | 36"             | None              | 2,015 lb | \$5,775.00 |
| RMVD8-3-296   | 12" - 45"     | 36"             | (9) 2-3/8" x 96"  | 2,175 lb | \$7,630.00 |
| RMVD8-3-2120  | 12" - 45"     | 36"             | (9) 2-3/8" x 120" | 2,255 lb | \$7,870.00 |

### 10' Face

| Part #         | Pole Diameter | Standoff Length | Mounting Pipes     | Weight   | Price       |
|----------------|---------------|-----------------|--------------------|----------|-------------|
| RMVD10-NPNH    | 12" - 45"     | 36"             | None               | 2,200 lb | \$6,450.00  |
| RMVD10-4-296   | 12" - 45"     | 36"             | (12) 2-3/8" x 96"  | 2,355 lb | \$8,690.00  |
| RMVD10-4-2120  | 12" - 45"     | 36"             | (12) 2-3/8" x 120" | 2,430 lb | \$9,215.00  |
| RMVD10-4-3096  | 12" - 45"     | 36"             | (12) 2-7/8" x 96"  | 2,525 lb | \$9,800.00  |
| RMVD10-4-30120 | 12" - 45"     | 36"             | (12) 2-7/8" x 120" | 2,665 lb | \$10,050.00 |

### 12' Face

| Part #         | Pole Diameter | Standoff Length | Mounting Pipes     | Weight   | Price       |
|----------------|---------------|-----------------|--------------------|----------|-------------|
| RMVD12-NPNH    | 12" - 45"     | 36"             | None               | 2,290 lb | \$6,450.00  |
| RMVD12-4-296   | 12" - 45"     | 36"             | (12) 2-7/8" x 96"  | 2,445 lb | \$8,690.00  |
| RMVD12-4-2120  | 12" - 45"     | 36"             | (12) 2-7/8" x 120" | 2,520 lb | \$9,215.00  |
| RMVD12-4-3096  | 12" - 45"     | 36"             | (12) 2-7/8" x 96"  | 2,615 lb | \$9,800.00  |
| RMVD12-4-30120 | 12" - 45"     | 36"             | (12) 2-7/8" x 120" | 2,755 lb | \$10,050.00 |

### 14' Face

| Part #         | Pole Diameter | Standoff Length | Mounting Pipes     | Weight   | Price       |
|----------------|---------------|-----------------|--------------------|----------|-------------|
| RMVD14-NPNH    | 12" - 45"     | 36"             | None               | 2,385 lb | \$6,925.00  |
| RMVD14-4-296   | 12" - 45"     | 36"             | (12) 2-3/8" x 96"  | 2,540 lb | \$9,295.00  |
| RMVD14-4-2120  | 12" - 45"     | 36"             | (12) 2-3/8" x 120" | 2,615 lb | \$9,625.00  |
| RMVD14-4-3096  | 12" - 45"     | 36"             | (12) 2-7/8" x 96"  | 2,710 lb | \$10,215.00 |
| RMVD14-4-30120 | 12" - 45"     | 36"             | (12) 2-7/8" x 120" | 2,845 lb | \$10,460.00 |



# MONOPOLE MOUNTS

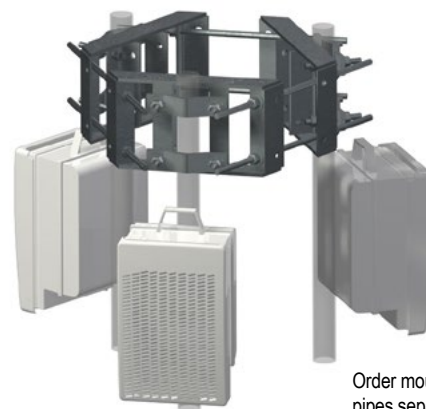
## RRU Ring Mount Kits



- Mount up to 6 RRUs
- Designed to stay as close as possible to the monopole for reduced wind load
- Accepts 1-1/2" to 4-1/2" mounting pipes (order separately, p. 154)



| Part #   | Size Range                   | Weight | Price    |
|----------|------------------------------|--------|----------|
| UGLM-DCP | 10-1/2" - 28"                | 113 lb | \$775.00 |
| LP-42    | 28" - 42" Adapter Kit        | 71 lb  | \$354.00 |
| LP-6     | 6-5/8" - 10-1/2" Adapter Kit | 33 lb  | \$151.00 |



Order mounting pipes separately

## Back-to-Back Pipe Mount Kits

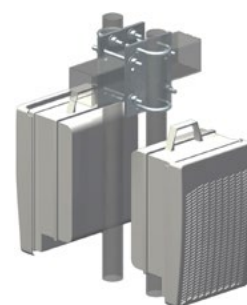
- Simple way to add RRU's to a monopole stand-off arm
- Provide back-to-back pipes, useful for RRU mounting
- BBPM-U uses clamp halves for universal pipe sizes
- Order mounting pipes separately (p. 154)

| Part #  | Pipe Sizes      | Stand-off Arms  | Weight | Price    |
|---------|-----------------|-----------------|--------|----------|
| BBPM-K1 | 2-3/8"          | 3-1/2" - 4-1/2" | 18 lb  | \$94.00  |
| BBPM-K2 | 2-7/8"          | 3-1/2" - 4-1/2" | 18 lb  | \$96.00  |
| BBPM-K3 | 2-3/8"          | 3-1/2" - 6"     | 39 lb  | \$100.00 |
| BBPM-U  | 2-3/8" - 4-1/2" | 2-3/8" - 4-1/2" | 26 lb  | \$137.00 |



BBPM-K1 shown

Order mounting pipes separately



## Platform RRU Mount Kits

- Attach to Fortress truss arms or square tube arms up to 4"
- 2-7/8" OD pipe mast

| Part #   | Description           | Weight | Price    |
|----------|-----------------------|--------|----------|
| SAMAST-3 | 3' Platform RRU Mount | 29 lb  | \$122.50 |
| SAMAST-6 | 6' Platform RRU Mount | 45 lb  | \$146.50 |



## Mini Monopole T-Arm Kits

- **Now available with square tube crossarms**
- 5' face allows 48" antenna separation
- Pipe versions include hardware for 2-3/8" to 4-1/2" antenna mounting pipes; square tube versions include hardware for 2-3/8" and 2-7/8" antenna mounting pipes
- Antenna mounting pipes stand 18" off pole on standard kits, 32" on long kits
- Purchase antenna mounting pipes separately (p. 154)



| Part #  | Pole Diameter                    | Face    | Weight | Price      |
|---------|----------------------------------|---------|--------|------------|
| UDS-NP  | 10-1/2" - 28"                    | 5' Pipe | 360 lb | \$2,035.00 |
| UDS-NPL | 10-1/2" - 28"                    | 5' Pipe | 395 lb | \$2,145.00 |
| LP-42   | 28" - 42" Large-Pole Adapter Kit |         | 71 lb  | \$354.00   |
| LP-6    | 6-5/8" - 10-1/2" Adapter Kit     |         | 33 lb  | \$151.00   |



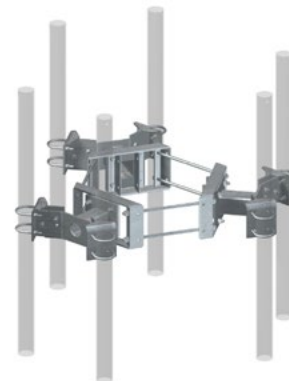
Order antenna mounting pipes separately

## Compact Monopole Mount Kit

- Antenna mounting pipes stand 14-1/2" off pole
- Antenna separation is 21-5/8"
- 0° - 30° down-tilt adjustment
- Accepts 2-3/8" OD, 2-7/8" OD, and 3-1/2" OD antenna mounting pipes
- Purchase antenna mounting pipes separately (p. 154)



| Part #  | Pole Diameter                    | Weight | Price      |
|---------|----------------------------------|--------|------------|
| UWS6-NP | 10-1/2" - 28"                    | 287 lb | \$1,975.00 |
| LP-42   | 28" - 42" Large-Pole Adapter Kit |        | \$354.00   |
| LP-6    | 6-5/8" - 10-1/2" Adapter Kit     |        | \$151.00   |



Order antenna mounting pipes separately

## Lightweight Monopole T-Arm Kit

- Antenna mounting pipes stand 19" off pole. Antenna separation is 30"
- Accepts 2-3/8", 2-7/8", 3-1/2", 4" & 4-1/2" OD antenna mounting pipes
- Purchase antenna mounting pipes separately (p. 154)
- No down tilt adjustment
- Low cost/lightweight mounting solution



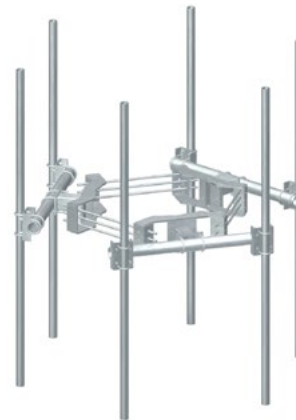
| Part # | Pole Diameter                    | Weight | Price      |
|--------|----------------------------------|--------|------------|
| MP-LSM | 10-1/2" - 28"                    | 238 lb | \$1,485.00 |
| LP-42  | 28" - 42" Large-Pole Adapter Kit |        | \$354.00   |
| LP-6   | 6-5/8" - 10-1/2" Adapter Kit     |        | \$151.00   |



Order antenna mounting pipes separately

## Monopole Double Support Arm Kits for 6 Antennas

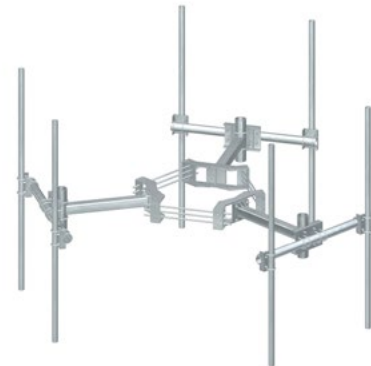
- **Now available with square tube crossarms**
- Kits include ring mount, three support arms, three 3-1/2" x 5' horizontal crossarms, and listed antenna mounting pipes and hardware
- RDS-NP version requires antenna pipe mounting hardware; see pipe mount kits on p. 62
- RDS-SQNP includes antenna pipe mounting hardware for 2-3/8" and 2-7/8" antenna mounting pipes; order antenna mounting pipes separately (p. 154)
- Antenna mounting pipes stand 18" off tower
- Contact us for load and engineering data



| Part #    | Pole Diameter          | Face           | Mounting Pipes        | Weight   | Price      |
|-----------|------------------------|----------------|-----------------------|----------|------------|
| RDS-NP    | 12" - 45"              | 5' Pipe        | None                  | 550 lb   | \$2,740.00 |
| RDS-296   | 12" - 45"              | 5' Pipe        | (6) 2-3/8" x 96"      | 640 lb   | \$3,565.00 |
| RDS-2126  | 12" - 45"              | 5' Pipe        | (6) 2-3/8" x 126"     | 710 lb   | \$3,610.00 |
| RDS-23096 | 12" - 45"              | 5' Pipe        | (6) 2-7/8" x 96"      | 1,030 lb | \$4,010.00 |
| RDS-SQNP  | 12" - 45"              | 5' Square Tube | None                  | 520 lb   | \$3,685.00 |
| RM-ADK    | Large-Pole Adapter Kit |                | Adapter Kit 45" - 60" | 106 lb   | \$480.00   |

## Monopole Triple T-Arm Kits for 6 Antennas

- **Now available with square tube crossarms**
- Kits include ring mount, three support arms, three 3-1/2" x 5' horizontal crossarms, and listed antenna mounting pipes and hardware
- RMV5-NP version requires antenna pipe mounting hardware; see pipe mount kits on p. 62
- RMV5-SQNP includes antenna pipe mounting hardware for 2-3/8" and 2-7/8" antenna mounting pipes; order antenna mounting pipes separately (p. 154)
- See p. 62 for work support platforms
- Contact us for load and engineering data



| Part #    | Pole Diameter          | Face           | Mounting Pipes        | Weight   | Price      |
|-----------|------------------------|----------------|-----------------------|----------|------------|
| RMV5-NP   | 12" - 45"              | 5' Pipe        | None                  | 690 lb   | \$2,970.00 |
| RMV5-296  | 12" - 45"              | 5' Pipe        | (6) 2-3/8" x 96"      | 930 lb   | \$3,650.00 |
| RMV5-2126 | 12" - 45"              | 5' Pipe        | (6) 2-3/8" x 126"     | 990 lb   | \$3,840.00 |
| RMV5-3096 | 12" - 45"              | 5' Pipe        | (6) 2-7/8" x 96"      | 1,025 lb | \$4,235.00 |
| RMV5-SQNP | 12" - 45"              | 5' Square Tube | None                  | 755 lb   | \$3,520.00 |
| RM-ADK    | Large-Pole Adapter Kit |                | Adapter Kit 45" - 60" | 106 lb   | \$480.00   |

## Monopole Triple T-Arm Kits for 9 Antennas

- **Now available with square tube crossarms**
- Kits include ring mount, three support arms, three 3-1/2" x 12'-6" horizontal crossarms, and listed antenna mounting pipes and hardware
- RMV12-NP version requires antenna pipe mounting hardware; see pipe mount kits on p. 62
- RMV12-SQNP includes antenna pipe mounting hardware for 2-3/8" and 2-7/8" antenna mounting pipes; order antenna mounting pipes separately (p. 154)
- See p. 62 for work support platforms
- See p. 45-46 for T-arm reinforcement kits
- Contact us for load and engineering data



| Part #     | Pole Diameter | Face                             | Mounting Pipes    | Weight   | Price      |
|------------|---------------|----------------------------------|-------------------|----------|------------|
| RMV12-NP   | 12" - 45"     | 12'-6" Pipe                      | None              | 850 lb   | \$3,110.00 |
| RMV12-396  | 12" - 45"     | 12'-6" Pipe                      | (9) 2-3/8" x 96"  | 1,230 lb | \$4,215.00 |
| RMV12-3126 | 12" - 45"     | 12'-6" Pipe                      | (9) 2-3/8" x 126" | 1,320 lb | \$4,505.00 |
| RMV12-SQNP | 12" - 45"     | 12'-6" Square Tube               | None              | 1,030 lb | \$4,960.00 |
| RM-ADK     |               | Large-Pole Adapter Kit 45" - 60" |                   | 106 lb   | \$480.00   |

## Monopole Triple T-Arm Kits for 12 Antennas

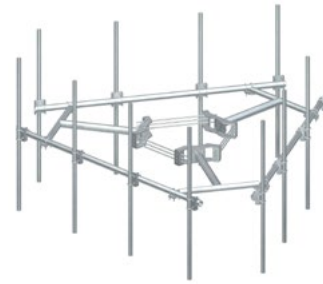
- **Now available with square tube crossarms**
- Kits include ring mount, three support arms, three 3-1/2" horizontal crossarms, and listed antenna mounting pipes and hardware
- RMV12-NP and RMV14-NP version require antenna pipe mounting hardware; see pipe mount kits on p. 62
- RMV12-SQNP and RMV14-SQNP include antenna pipe mounting hardware for 2-3/8" and 2-7/8" antenna mounting pipes; order antenna mounting pipes separately (p. 154)
- See p. 62 for work support platforms
- See p. 45-46 for T-arm reinforcement kits
- Contact us for load and engineering data



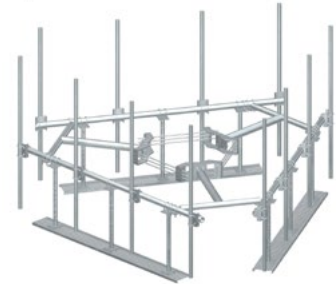
| Part #     | Pole Diameter | Face                             | Mounting Pipes     | Weight   | Price      |
|------------|---------------|----------------------------------|--------------------|----------|------------|
| RMV12-NP   | 12" - 45"     | 12'-6" Pipe                      | None               | 850 lb   | \$3,110.00 |
| RMV12-496  | 12" - 45"     | 12'-6" Pipe                      | (12) 2-3/8" x 96"  | 1,360 lb | \$4,630.00 |
| RMV12-4126 | 12" - 45"     | 12'-6" Pipe                      | (12) 2-3/8" x 126" | 1,480 lb | \$5,020.00 |
| RMV12-SQNP | 12" - 45"     | 12'-6" Square Tube               | None               | 1,030 lb | \$4,960.00 |
| RMV14-NP   | 12" - 45"     | 14'-6" Pipe                      | None               | 895 lb   | \$3,330.00 |
| RMV14-496  | 12" - 45"     | 14'-6" Pipe                      | (12) 2-3/8" x 96"  | 1,405 lb | \$4,845.00 |
| RMV14-4126 | 12" - 45"     | 14'-6" Pipe                      | (12) 2-3/8" x 126" | 1,525 lb | \$5,230.00 |
| RMV14-SQNP | 12" - 45"     | 14'-6" Square Tube               | None               | 1,085 lb | \$4,925.00 |
| RM-ADK     |               | Large-Pole Adapter Kit 45" - 60" |                    | 106 lb   | \$480.00   |

## Ultra-Low-Profile T-Arm Kits for 12 Antennas

- Increased capacity without an inflated price
- Low-profile design for reduced tower loading
- Easily adaptable to include work platforms
- All round members reduce the risk of migratory bird nesting
- Complete kits include everything shown
- See p. 45-46 for T-arm reinforcement kits
- Note: NP versions do not include hardware for antenna mounting pipes; see pipe mount kits on p. 62
- Contact us for load and engineering data



Shown with optional  
Work Support Platforms (3)



| Part #     | Pole Diameter                    | Face Width | Mounting Pipes     | Weight   | Price      |
|------------|----------------------------------|------------|--------------------|----------|------------|
| ULP12-NP   | 12" - 45"                        | 12'-6"     | No Antenna Pipes   | 885 lb   | \$3,645.00 |
| ULP12-496  | 12" - 45"                        | 12'-6"     | (12) 2-3/8" x 96"  | 1,405 lb | \$4,925.00 |
| ULP12-4126 | 12" - 45"                        | 12'-6"     | (12) 2-3/8" x 126" | 1,525 lb | \$5,325.00 |
| ULP14-NP   | 12" - 45"                        | 14'-6"     | No Antenna Pipes   | 930 lb   | \$3,865.00 |
| ULP14-496  | 12" - 45"                        | 14'-6"     | (12) 2-3/8" x 96"  | 1,420 lb | \$5,145.00 |
| ULP14-4126 | 12" - 45"                        | 14'-6"     | (12) 2-3/8" x 126" | 1,540 lb | \$5,545.00 |
| RM-ADK     | Large-Pole Adapter Kit 45" - 60" |            |                    | 106 lb   | \$480.00   |
| WP197-10   | 10' Work Support Platform        |            |                    | 122 lb   | \$735.00   |

## Ultra-Low-Profile Dual Level Rigid T-Arm Kits for 12 Antennas

- Safely support multiple RRU's plus twelve antennas
- Second level of T-arms and ring mount below add additional support
- All round pipe construction reduces chances of birds nesting
- Complete kits include:
  - Two ring mounts
  - Six support arms
  - Antenna mounting pipes and all hardware
- Contact us for load and engineering data



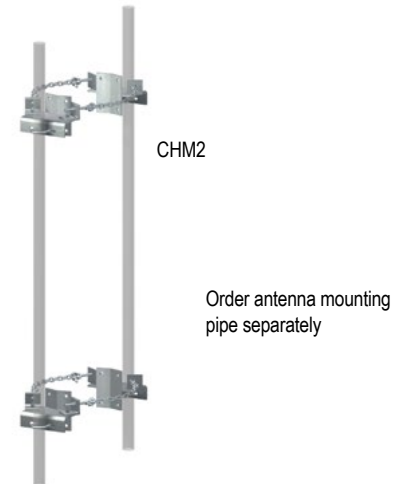
| Part #      | Pole Diameter                    | Face Width | Mounting Pipes     | Weight   | Price       |
|-------------|----------------------------------|------------|--------------------|----------|-------------|
| ULPD12-496  | 12" - 45"                        | 12'-6"     | (12) 2-3/8" x 96"  | 2,420 lb | \$9,630.00  |
| ULPD12-4126 | 12" - 45"                        | 12'-6"     | (12) 2-3/8" x 126" | 2,560 lb | \$10,135.00 |
| RM-ADK      | Large-Pole Adapter Kit 45" - 60" |            |                    | 106 lb   | \$480.00    |
| WP197-10    | 10' Work Support Platform        |            |                    | 122 lb   | \$735.00    |



## Chain Mount Kits

- Fit polygon or round poles
- Includes U-bolts for mounting 2-3/8" or 4-1/2" OD pipes
- Hot-dip galvanized
- Purchase U-bolts separately if mounting 2-7/8" or 3-1/2" pipes (p. 156)
- Order antenna mounting pipes separately (p. 154)
- For longer chain lengths order GC4-PF (p. 56)

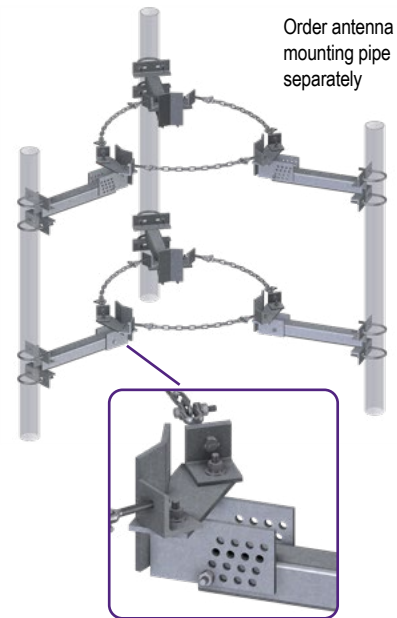
| Part # | Description   | Range        | Weight | Price      |
|--------|---------------|--------------|--------|------------|
| CHM1   | Single Sector | 5" - 36"     | 52 lb  | \$405.00   |
| CHM2   | Double Sector | 5" - 36"     | 93 lb  | \$725.00   |
| CHM3   | Triple Sector | 6-1/2" - 36" | 145 lb | \$1,040.00 |



## Taper-Adjustable Chain Mount Kits

- Fit polygon or round poles
- Simple taper adjustment allows for up to 6° of taper in 3/4° increments
- Includes U-bolts for mounting 2-3/8" or 4-1/2" OD pipes
- Hot-dip galvanized
- Purchase U-bolts separately if mounting 2-7/8" or 3-1/2" pipes (p. 156)
- Order antenna mounting pipes separately (p. 154)
- For longer chain lengths order GC4-PF (p. 56)

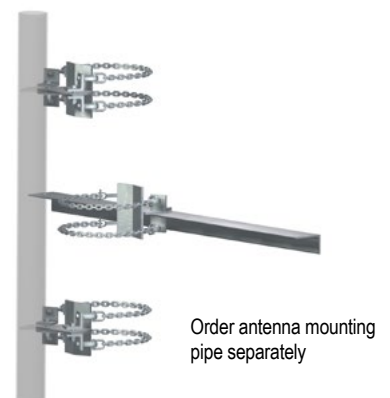
| Part #  | Description   | Standoff | Range        | Weight | Price      |
|---------|---------------|----------|--------------|--------|------------|
| TCHM1   | Single Sector | 1'       | 5" - 36"     | 80 lb  | \$495.00   |
| TCHM1-L | Single Sector | 2'       | 5" - 36"     | 96 lb  | \$535.00   |
| TCHM2   | Double Sector | 1'       | 5" - 36"     | 150 lb | \$910.00   |
| TCHM2-L | Double Sector | 2'       | 5" - 36"     | 180 lb | \$955.00   |
| TCHM3   | Triple Sector | 1'       | 6-1/2" - 36" | 225 lb | \$1,365.00 |
| TCHM3-L | Triple Sector | 2'       | 6-1/2" - 36" | 270 lb | \$1,390.00 |



## Chain Mount Kit for Dish Antennas

- Fits polygon or round poles 5" - 36"
- Includes U-bolts for mounting 4-1/2" OD pipes
- Heavy-duty kit for dishes up to 8' in diameter
- Includes side-strut support bracket for stiff arms
- Purchase U-bolts separately if mounting 3-1/2" pipes (p. 156)
- Order antenna mounting pipes separately (p. 154)
- For longer chain lengths order GC4-PF (p. 56)

| Part # | Description                   | Weight | Price      |
|--------|-------------------------------|--------|------------|
| DCH8   | HD Chain Mount with Stiff Arm | 141 lb | \$1,215.00 |



## MONOPOLE MOUNTS

### Six-Sided Monopole Mount Kit



- Safely supports multiple RRU's or antennas
- Fits round or polygon poles from 17-1/2" to 56" diameter
- Order 2-3/8" or 2-7/8" antenna mounting pipes separately (p. 154, six required)
- Contact us for load and engineering data



| Part # | Pole Diameter | Description | Mounting Pipes   | Weight | Price    |
|--------|---------------|-------------|------------------|--------|----------|
| 6CHMT  | 17-1/2" - 56" | Six Sector  | Order Separately | 272 lb | \$940.00 |



Order mounting pipes separately

### 1/4" Galvanized Chain

- 1/4" Gr 40 galvanized chain
- Specify length in 1 ft increments



| Part # | Description              | Weight | Price  |
|--------|--------------------------|--------|--------|
| GC4-PF | 1/4" Galvanized Chain/ft | 0.7 lb | \$5.90 |

### Universal Round-Member Support Bracket

- Use on large diameter round members like monopoles, water tower legs, etc.
- Attach with 1/2" banding or lag screws if using on a wood pole
- Accepts six snap-in hangers; multiple brackets can be run on the same length of banding

| Part # | # of Snap-In Holes | Weight | Price  |
|--------|--------------------|--------|--------|
| MS6    | 6                  | 1.2 lb | \$8.80 |



# Carrier Approved Parts

We offer several guides with a comprehensive list of officially-approved tower and component mount selections for the major carriers. Request your guides today.



Request at [SitePro1.com/Guides](https://SitePro1.com/Guides)

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## Lightweight Ring Mount Kits

- Easy to use lightweight ring mounts
- Perfect for applications using two antennas per sector
- 6" x 6" bolt pattern
- Large and small pole adapter kits also available
- Contact us for load and engineering data

| Part # | Type                     | Pole Sizes       | Weight | Price    |
|--------|--------------------------|------------------|--------|----------|
| UGLM   | Lightweight Tri-Bracket  | 10-1/2" - 28"    | 89 lb  | \$595.00 |
| LP-42  | Large-Pole Adapter Kit   | 28" - 42"        | 71 lb  | \$354.00 |
| LP-6   | Small-Pole Adapter Kit   | 6-5/8" - 10-1/2" | 33 lb  | \$151.00 |
| UGLM4  | Lightweight Quad Bracket | 10-1/2" - 42"    | 111 lb | \$795.00 |
| QP-6   | Small-Pole Adapter Kit   | 6-5/8" - 10-1/2" | 46 lb  | \$200.00 |



UGLM



UGLM4

## Universal Ring Mount Kits

- Included in many of our kits, but also available separately
- Wider operating range than other brands
- Designed to stay as close as possible to the monopole, not interfering with external climbing ladders
- 6" x 6" bolt pattern
- Large-pole adapter kit available for poles larger than 45" and up to 60"
- Contact us for load and engineering data



| Part # | Type                   | Pole Sizes | Weight | Price      |
|--------|------------------------|------------|--------|------------|
| LWRM   | Universal Tri-Bracket  | 12" - 45"  | 269 lb | \$1,335.00 |
| RM-ADK | Large-Pole Adapter Kit | 45" - 60"  | 101 lb | \$480.00   |
| UQB4   | Universal Quad-Bracket | 12" - 60"  | 285 lb | \$1,730.00 |



LWRM



UQB4

## Heavy-Duty Ring Mount Kits

- Our most robust ring mount kits designed for the most extreme loading conditions
- These are the ring mounts used in our Fortress™ platform mounts
- 18" overall height provides 17" contact area with the pole, reducing point loads and minimizing pole deformation
- Mounting hole pattern includes our standard 6" x 6" pattern as well as a 6" x 11-1/2" hole pattern for larger plates
- Kits include threaded rods and hardware
- Contact us for load and engineering data



RM3-HD



RM4-HD

| Part#   | Type                       | Pole Sizes | Weight | Price      |
|---------|----------------------------|------------|--------|------------|
| RM3-HD  | Tri-Bracket Kit            | 12" - 45"  | 338 lb | \$1,530.00 |
| RM3-LPK | RM3 Large Pole Adapter Kit | 45" - 60"  | 100 lb | \$520.00   |
| RM4-HD  | Quad-Bracket Kit           | 12" - 60"  | 385 lb | \$1,840.00 |

## Flush Mount Adapter Kits

- Allow attachment of vertical pipe to ring mounts
- Fit our standard or lightweight ring mounts
- FMA1 can be used to mount a pipe horizontally or vertically on our UGLM lightweight ring mount
- Kits include plates and all hardware
- Order antenna mounting pipes separately (p. 154)

| Part # | Description           | Pipe Size Range | Weight | Price    |
|--------|-----------------------|-----------------|--------|----------|
| FMA1   | 1 Plate and Hardware  | 1-1/2" - 4-1/2" | 17 lb  | \$79.50  |
| FMA2   | 4 Plates and Hardware | 1-1/2" - 4-1/2" | 57 lb  | \$283.00 |
| FMA1-2 | 2 Plates and Hardware | 1-1/2" - 4-1/2" | 30 lb  | \$164.00 |



FMA1



FMA2



FMA1 on our UGLM with horizontal pipe

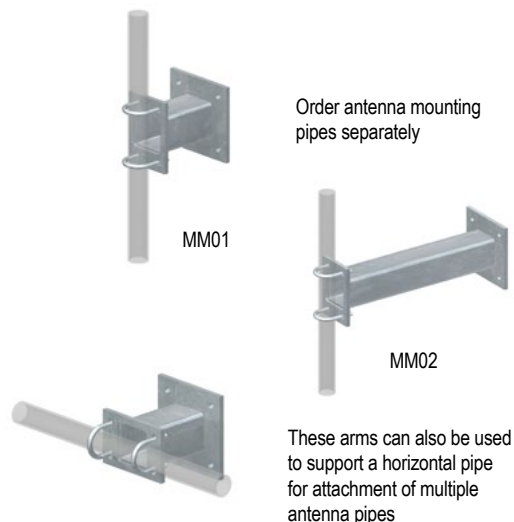
Order Antenna Mounting  
Pipes separately



## Standoff Arm Kits for Single Antenna

- Versatile 8", 2', or 3' standoff arms
- Accept 2-3/8", 2-7/8", or 3-1/2" pipes vertically or horizontally (ordered separately, p. 154)
- Fit our standard or lightweight ring mounts
- Include attachment hardware
- Mounting plate is 1/2" thick by 8-1/2" square with four 11/16" holes on 6" centers
- Standoff is 4" x 3/16" square tube

| Part # | Description     | Weight | Price    |
|--------|-----------------|--------|----------|
| MM01   | 8" Support Arm  | 37 lb  | \$237.00 |
| MM02   | 24" Support Arm | 51 lb  | \$288.00 |
| MM03   | 36" Support Arm | 62 lb  | \$318.00 |



## Support Arm Kits

- 18", 24", 36", or 48" length with 4-1/2" OD x 18" stub
- Include attachment hardware
- Mounting plate is 3/4" thick by 8" square with four 11/16" holes on 6" centers
- Standoff is 4" x 1/4" square tube
- Unique welded gussets add strength

| Part #   | Description     | Weight | Price    |
|----------|-----------------|--------|----------|
| SV197-18 | 18" Support Arm | 48 lb  | \$285.00 |
| SV197-24 | 24" Support Arm | 54 lb  | \$305.00 |
| SV197-36 | 36" Support Arm | 65 lb  | \$320.00 |
| SV197-48 | 48" Support Arm | 77 lb  | \$410.00 |



## Dual Standoff Arm Kits

- Support two antenna mounting pipes (purchased separately, p. 154)
- Stand off 28" from ring mount
- Antenna pipes have 36" separation
- 0° - 30° down-tilt adjustment
- Mounting plate is 1/2" thick by 8-1/2" square with four 11/16" holes on 6" centers
- Standoff is 4" x 3/16" square tube

| Part # | Pipe Sizes                | Standoff | Weight | Price    |
|--------|---------------------------|----------|--------|----------|
| DSM2   | 2-3/8", 2-7/8", or 3-1/2" | 28"      | 86 lb  | \$710.00 |
| DSM4   | 4" or 4-1/2"              | 28"      | 93 lb  | \$735.00 |



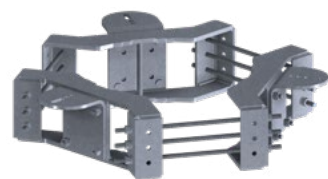
Order antenna mounting pipes separately

## Monopole Direct Frame Connection Kits

- Use to attach V-series sector frames to monopoles with no mounting pipes required
- MDFCC kit includes two ring mounts and attaching hardware for three sector frames
- Fits round or polygon poles from 12" to 45" diameter, or up to 60" with the addition of the RM-ADK large pole adapter kit
- RMBP kit includes plates and hardware for attaching one sector frame
- Will work with any ring mount using 5/8" bolts with a 6" x 6" hole pattern
- **When ordering V-frames for use with this kit add "-NLB" to the part number to get the frame without the leg bracket hardware**



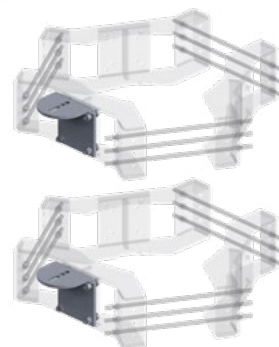
| Part # | Description                               | Pole Diameter | Weight | Price      |
|--------|-------------------------------------------|---------------|--------|------------|
| MDFCC  | Monopole Direct Frame Connection Kit      | 12" - 45"     | 634 lb | \$3,060.00 |
| RM-ADK | Large Pole Adapter Kit (2 required)       | 45" - 60"     | 101 lb | \$480.00   |
| RMBP   | Single Sector Direct Frame Connection Kit |               | 34 lb  | \$187.50   |



MDFCC



RMBP



## Monopole Sector Frame Attachment Assemblies

- Allow attachment of sector frames to a monopole using 4-1/2" mounting pipes
- Kits include two ring mounts, 4-1/2" OD mounting pipes, and hardware



| Part #  | Description                                       | Pole Sizes | Weight   | Price      |
|---------|---------------------------------------------------|------------|----------|------------|
| MSFAA   | Sector Frame Attachment Assembly (3 sector)       | 12" - 45"  | 790 lb   | \$3,410.00 |
| MSFAA-L | Sector Frame Attachment Assembly Large (3 sector) | 45" - 60"  | 995 lb   | \$3,975.00 |
| MSFAA-Q | Sector Frame Attachment Assembly (4 sector)       | 12" - 60"  | 1,110 lb | \$4,330.00 |



MSFAA

## Cellular Pipe Frames

- 3-1/2" pipe, 12'-6" or 14'-6" in length with mounting plate and U-bolts to mount to a 4-1/2" pipe



| Part #      | Length | Weight | Price    |
|-------------|--------|--------|----------|
| SP216-12-NS | 12'-6" | 124 lb | \$590.00 |
| SP216-14-NS | 14'-6" | 140 lb | \$650.00 |



## Pipe Mount Kits

- Mount to 3-1/2" pipes (i.e. pipe frames and platforms)
- Kits include U-bolts, saddle bracket, and antenna mounting pipe
- For other sizes use SP219 or SP219-H (p. 150) with antenna mounting pipe (p. 154)



| Part #     | Mounting Pipe | Weight | Price    |
|------------|---------------|--------|----------|
| SP219-96   | 2-3/8" x 96"  | 44 lb  | \$204.00 |
| SP219-126  | 2-3/8" x 126" | 60 lb  | \$237.00 |
| SP219-96H  | 2-7/8" x 96"  | 63 lb  | \$303.00 |
| SP219-120H | 2-7/8" x 120" | 90 lb  | \$315.00 |

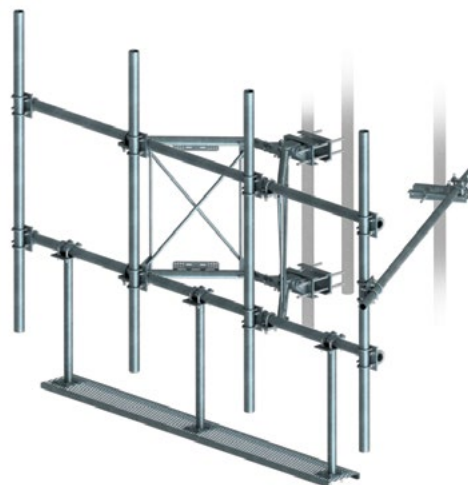


## Work Support Platforms

- Work support platforms provide 12" wide grating sections for workers to stand on
- For proper safety workers must be tied off to the monopole
- WP197 includes mounting hardware for square tube arms 3" to 4"; WP197-10 includes hardware kit for attachment to horizontal face pipes 1-1/2" to 3-1/2" diameter



| Part #   | Length | Weight | Price    |
|----------|--------|--------|----------|
| WP197    | 3'     | 85 lb  | \$425.00 |
| WP197-10 | 10'    | 122 lb | \$735.00 |



## Hand Hole Rims for Polygon Poles

- Can be welded to existing polygon poles providing access for internal routing of transmission lines
- Material meets ASTM A572 GR-65 specification
- Provide structural support for holes
- Rims for use near the antennas include J-hooks for supporting the transmission lines with hoisting grips
- Black or galvanized; welding instructions included
- **Stocked at our Carrollton, TX warehouse**



| Part #    | Outside Dimensions | Thickness | Depth  | J-Hooks | Finish     | Weight | Price    |
|-----------|--------------------|-----------|--------|---------|------------|--------|----------|
| HHR69     | 6" x 9"            | 1/2"      | 3-1/2" | Yes     | Black      | 13 lb  | \$94.00  |
| HHR69-G   | 6" x 9"            | 1/2"      | 3-1/2" | Yes     | Galvanized | 13 lb  | \$114.50 |
| HHR612    | 6" x 12"           | 1/2"      | 2-1/2" | Yes     | Black      | 12 lb  | \$104.00 |
| HHR612-G  | 6" x 12"           | 1/2"      | 2-1/2" | Yes     | Galvanized | 12 lb  | \$128.00 |
| HHR618    | 6" x 18"           | 1/2"      | 2-1/2" | Yes     | Black      | 16 lb  | \$117.50 |
| HHR618-G  | 6" x 18"           | 1/2"      | 2-1/2" | Yes     | Galvanized | 16 lb  | \$144.50 |
| HHR1025   | 10-1/2" x 25-1/2"  | 3/4"      | 3-1/2" | No      | Black      | 48 lb  | \$263.00 |
| HHR1025-G | 10-1/2" x 25-1/2"  | 3/4"      | 3-1/2" | No      | Galvanized | 48 lb  | \$334.00 |

# Expand your network. Maintain the aesthetic.

Our SimpleCell™ decorative dual-use pole options provide a beautiful aesthetic that blends seamlessly into the surrounding environment for both lighting and communications applications.



Learn more at [ConcealFab.com](https://ConcealFab.com)



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# SimpleCell™

Small Cell, Simplified.™



## Pole Top Concealment

Multiple pole top concealment options are available for C-Band, mmW and traditional LTE technology.



## Luminaire Arms

A wide variety of light arm and luminaire combinations available for municipal permitting.



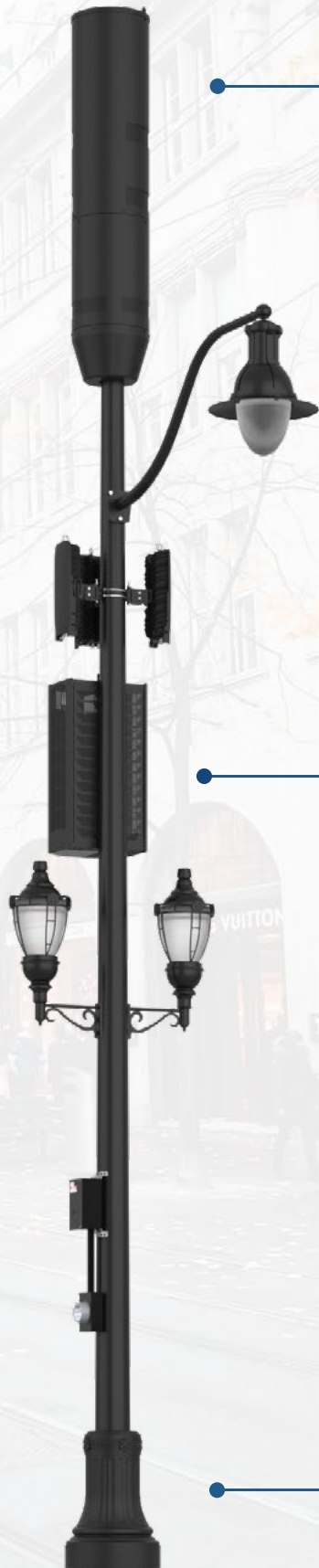
## Side Cabinets

Optional side cabinets available for telecom equipment.

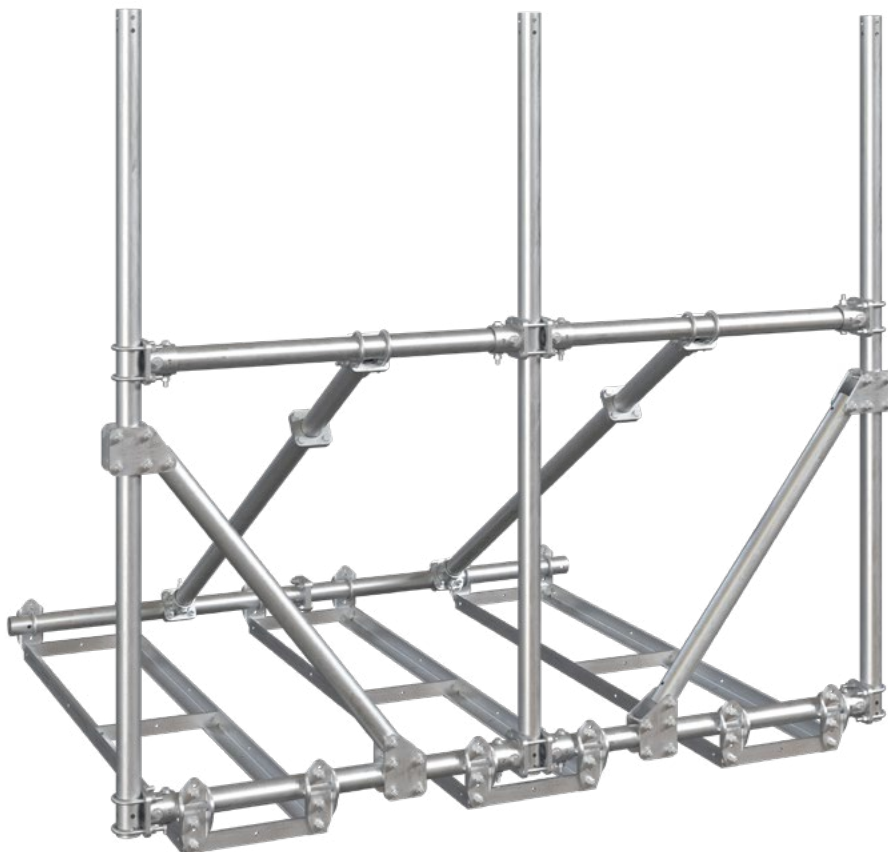


## Decorative Bases

A wide variety of decorative base combinations available for municipal permitting.



# ROOFTOPS



## CSRT Rooftop Frames

- For difficult-access rooftop sites
- Bolt-together design, all hardware is 1/2"
- All members are 96" or less in length for transport in elevators
- Maximum member weight 70 lb
- Purchase rubber mat kits (p. 70) and ballast tray tie-down kits (p. 69) separately

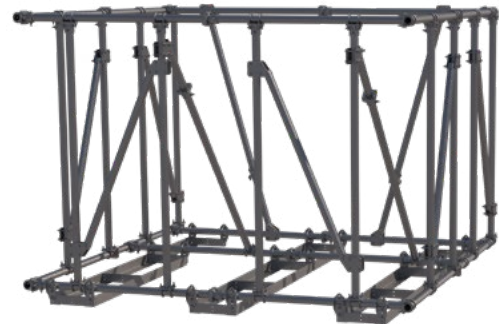


CSRT-14-8128

| Part #       | Face Width                  | Mounting Pipe                                                                              | Footprint  | Mats Required | Weight   | Price      |
|--------------|-----------------------------|--------------------------------------------------------------------------------------------|------------|---------------|----------|------------|
| CSRT-3-888   | 8'-6"                       | (3) 2-7/8" x 96"                                                                           | 96" x 102" | 6             | 845 lb   | \$2,865.00 |
| CSRT-12-888  | 8'-6"                       | (2) 2-7/8" x 96"                                                                           | 96" x 102" | 4             | 685 lb   | \$2,340.00 |
| CSRT-13-8128 | 12'-6"                      | (3) 2-7/8" x 96"                                                                           | 96" x 150" | 6             | 945 lb   | \$3,495.00 |
| CSRT-14-8128 | 12'-6"                      | (4) 2-7/8" x 96"                                                                           | 96" x 150" | 8             | 1,095 lb | \$3,630.00 |
| MAT18        | 1/2" x 18" x 48" Rubber Mat |                                                                                            |            |               | 16 lb    | \$33.75    |
| CSRT-BTD     | Ballast Tie-Down Kit        | CSRT-12-888 requires 2, CSRT-3-888 and CSRT-13-8128 require 3, and CSRT-14-8128 requires 4 |            |               |          | \$155.00   |

## Multi-Sided CSRT Rooftop Mounts

- For difficult-access rooftop sites
- Available in 2-sided (corner) and 3-sided (penthouse) versions
- Bolt-together design; all hardware is 1/2"
- Maximum member weight 70 lb
- Purchase rubber mat kits (p. 70) and ballast tray tie-down kits (p. 69) separately



CSRT-34-81212

| Part #        | # of Faces                  | Face Width   | Mounting Pipes    | Footprint   | Mats Required | Weight   | Price      |
|---------------|-----------------------------|--------------|-------------------|-------------|---------------|----------|------------|
| CSRT-24-81212 | 2                           | 12'-6"       | (8) 2-7/8" x 96"  | 150" x 150" | 9             | 2,160 lb | \$6,775.00 |
| CSRT-34-81212 | 3                           | 12'-6"       | (12) 2-7/8" x 96" | 150" x 150" | 9             | 2,670 lb | \$8,670.00 |
| MAT18         | 1/2" x 18" x 48" Rubber Mat |              |                   |             |               | 16 lb    | \$33.75    |
| CSRT-BTD      | Ballast Tie-Down Kit        | (3 required) |                   |             |               |          | \$155.00   |

## ROOFTOP MOUNTS

### CSRT Tripod Mount

- For difficult-access rooftop sites
- 2-7/8" x 96" mast
- Bolt-together design; all hardware is 1/2"
- Maximum member weight 70 lb
- Purchase rubber mat kits (p. 70) and ballast tray tie-down kits (p. 69) separately



CSRT-1C-1088

| Part #       | Mounting Pipe               | Footprint    | Mats Required | Weight | Price      |
|--------------|-----------------------------|--------------|---------------|--------|------------|
| CSRT-1C-1088 | 2-7/8" x 96"                | 96" x 96"    | 4             | 620 lb | \$1,855.00 |
| MAT18        | 1/2" x 18" x 48" Rubber Mat |              |               | 16 lb  | \$33.75    |
| CSRT-BTD     | Ballast Tie-Down Kit        | (2 required) |               |        | \$155.00   |

### CSRT Rooftop Mast

- For difficult-access rooftop sites
- Bolt-together design; all hardware is 1/2"
- All members are 96" or less in length for transport in elevators
- Maximum member weight 70 lb
- RRU mount included
- Purchase rubber mat kits (p. 70) and ballast tray tie-down kits (p. 69) separately



CSRT1D-10-RRU

| Part #        | Mounting Pipe               | Footprint    | Mats | RRU Mounts | Weight | Price      |
|---------------|-----------------------------|--------------|------|------------|--------|------------|
| CSRT1-10-RRU  | 2-7/8" X 10'                | 96" x 96"    | 4    | 1          | 640 lb | \$2,510.00 |
| CSRT1D-10-RRU | 2-7/8" X 10'                | 96" x 140"   | 6    | 1          | 750 lb | \$2,890.00 |
| MAT18         | 1/2" x 18" x 48" Rubber Mat |              |      |            | 16 lb  | \$33.75    |
| CSRT-BTD      | Ballast Tie-Down Kit        | (2 required) |      |            |        | \$155.00   |

## Penetrating CSRT Rooftop Mounts

- For difficult-access rooftop sites
- Penetrating design attaches to roof
- Large footpads distribute loads over wider area
- Bolt-together design, all hardware is 1/2"
- All members are 96" or less in length for transport in elevators
- Maximum member weight 70 lb
- Purchase 1/2" wedge anchors separately (p. 161)



| Part #         | Description                           | Weight   | Price      |
|----------------|---------------------------------------|----------|------------|
| CSRT-3P3-1085  | 8'-6" Penetrating CSRT Rooftop Mount  | 665 lb   | \$2,890.00 |
| CSRT-4P3-10128 | 12'-6" Penetrating CSRT Rooftop Mount | 1,105 lb | \$2,990.00 |



CSRT-4P3-10128

## CSRT RRU Mount

- Add RRU kits for additional RRU capacity



| Part #    | Description                    | Weight | Price    |
|-----------|--------------------------------|--------|----------|
| CSRT-RRU4 | 2-7/8" OD x 48" RRU Add-On Kit | 30 lb  | \$295.00 |

CSRT-RRU4



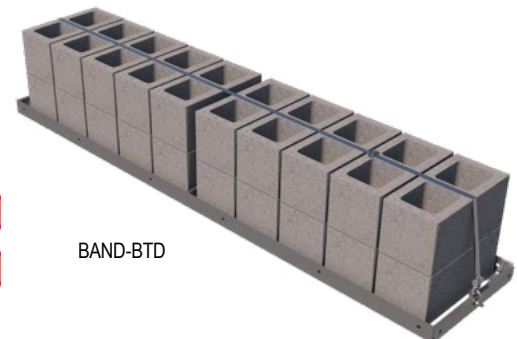
## Ballast Tray Tie-Down Kits

- Choose from chain-style or banding-style kits
- BAND-BTD kit includes 100' of 1/2" SS banding, 25 banding buckles, and hardware for attaching to ballast tray, enough material to accommodate 6 ballast trays for typical sites
- BAND-BTD-NP kit includes ballast tray attaching hardware only for 6 ballast trays, but no banding or banding buckles



CSRT-BTD

| Part #      | Description                                                                        | Weight | Price    |
|-------------|------------------------------------------------------------------------------------|--------|----------|
| CSRT-BTD    | Chain-type Ballast Tie-Down Kit (for single tray)                                  | 12 lb  | \$155.00 |
| BAND-BTD    | Banding -Type Ballast Tie-Down Kit (for 6 trays)                                   | 16 lb  | \$250.00 |
| BAND-BTD-NB | Banding-Type Ballast Tie-Down Hardware for 6 ballast trays (no banding or buckles) | 16 lb  | \$130.00 |



BAND-BTD





## ROOFTOP MOUNTS

### Non-Penetrating Rooftop Angle Frames

- Available with or without antenna mounting pipes
- Welded trays for easy assembly
- Standard kit accepts 2-3/8" antenna mounting pipes (p. 154)
- For other size antenna mounting pipes purchase UPA-K universal pipe mount kit (p. 148)
- Purchase rubber mats separately (see below)
- **Call or see our online assembly drawings for ballast equations.**  
[www.sitepro1.com](http://www.sitepro1.com)



| Part #       | Face Width               | Mounting Pipes                                                              | Footprint    | Mats Required | Weight | Price      |
|--------------|--------------------------|-----------------------------------------------------------------------------|--------------|---------------|--------|------------|
| RTW-7        | 7'                       | No Pipes                                                                    | 93"W x 98"D  | 4             | 390 lb | \$1,255.00 |
| RTW-7-2-96   | 7'                       | (2) 2-3/8" x 96"                                                            | 93"W x 98"D  | 4             | 450 lb | \$1,445.00 |
| RTW-7-2-126  | 7'                       | (2) 2-3/8" x 126"                                                           | 93"W x 98"D  | 4             | 470 lb | \$1,505.00 |
| RTW-10       | 10'-6"                   | No Pipes                                                                    | 93"W x 98"D  | 4             | 415 lb | \$1,340.00 |
| RTW-10-3-96  | 10'-6"                   | (3) 2-3/8" x 96"                                                            | 93"W x 98"D  | 4             | 505 lb | \$1,625.00 |
| RTW-10-3-126 | 10'-6"                   | (3) 2-3/8" x 126"                                                           | 93"W x 98"D  | 4             | 540 lb | \$1,655.00 |
| RTW-12       | 12'-6"                   | No Pipes                                                                    | 93"W x 98"D  | 4             | 430 lb | \$1,395.00 |
| RTW-12-3-96  | 12'-6"                   | (3) 2-3/8" x 96"                                                            | 93"W x 98"D  | 4             | 520 lb | \$1,680.00 |
| RTW-12-3-126 | 12'-6"                   | (3) 2-3/8" x 126"                                                           | 93"W x 98"D  | 4             | 550 lb | \$1,750.00 |
| RTW-12-4-96  | 12'-6"                   | (4) 2-3/8" x 96"                                                            | 93"W x 98"D  | 4             | 550 lb | \$1,775.00 |
| RTW-12-4-126 | 12'-6"                   | (4) 2-3/8" x 126"                                                           | 93"W x 98"D  | 4             | 595 lb | \$1,900.00 |
| RTW-14       | 14'-6"                   | No Pipes                                                                    | 93"W x 98"D  | 4             | 780 lb | \$2,510.00 |
| RTW-14-4-96  | 14'-6"                   | (4) 2-3/8" x 96"                                                            | 186"W x 98"D | 8             | 905 lb | \$2,885.00 |
| RTW-14-4-126 | 14'-6"                   | (4) 2-3/8" x 126"                                                           | 186"W x 98"D | 8             | 945 lb | \$2,950.00 |
| CSRT-BTD     | Ballast Tie-Down Kit     | RTW-7, RTW-10, and RTW-12 require 2; RTW-14 requires 4                      |              |               | 12 lb  | \$155.00   |
| UPA-K        | Universal Pipe Mount Kit | 1-1/4" - 4" pipes , use one kit per frame. (not necessary for 2-3/8" pipes) |              |               | 16 lb  | \$122.00   |

### Rubber Mats

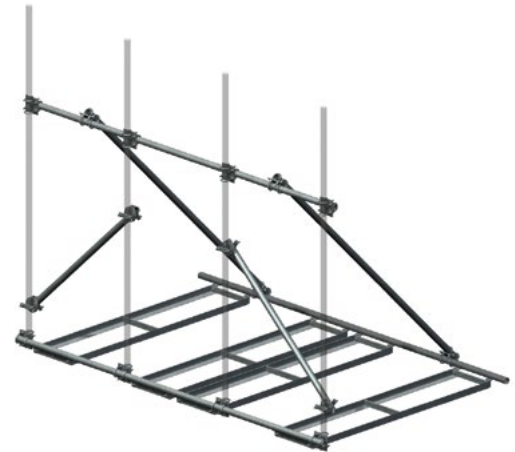
- Manufactured from UV-resistant 1/2" thick rubber

| Part # | Size             | Weight | Price   |
|--------|------------------|--------|---------|
| MAT18  | 1/2" x 18" x 48" | 16 lb  | \$33.75 |



## Non-Penetrating Rooftop Pipe Frames

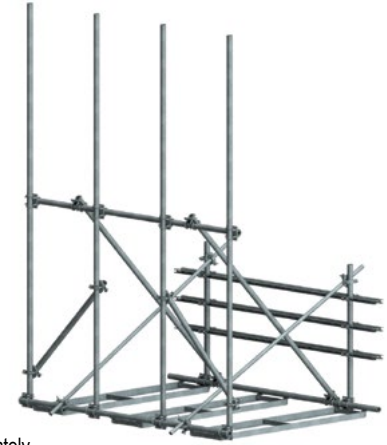
- Pipe rooftop frames, perfect for larger loads like multiple RRU's or antennas
- Available with or without antenna mounting pipes
- Welded trays for easy assembly
- Standard kits accept 2-3/8" antenna mounting pipes (p. 154)
- For other size antenna mounting pipes purchase SCX7-U universal crossover plate kits (p. 149)
- If additional ballast capacity is required use ballast tray add-on kits (p. 75)
- Purchase rubber mats separately (p. 70)
- **Call or see our online assembly drawings for ballast equations.**  
**www.sitepro1.com**



| Part #     | Face Width                                                                                | Mounting Pipes    | Footprint  | Mats Required | Weight   | Price      |
|------------|-------------------------------------------------------------------------------------------|-------------------|------------|---------------|----------|------------|
| RTP10      | 10' - 6"                                                                                  | No Pipes          | 92" x 126" | 6             | 570 lb   | \$1,920.00 |
| RTP10-496  | 10' - 6"                                                                                  | (4) 2-3/8" x 96"  | 92" x 126" | 6             | 695 lb   | \$2,375.00 |
| RTP10-4126 | 10' - 6"                                                                                  | (4) 2-3/8" x 126" | 92" x 126" | 6             | 735 lb   | \$2,505.00 |
| RTP12      | 12' - 6"                                                                                  | No Pipes          | 92" x 150" | 8             | 645 lb   | \$2,305.00 |
| RTP12-496  | 12' - 6"                                                                                  | (4) 2-3/8" x 96"  | 92" x 150" | 8             | 770 lb   | \$2,550.00 |
| RTP12-4126 | 12' - 6"                                                                                  | (4) 2-3/8" x 126" | 92" x 150" | 8             | 805 lb   | \$2,885.00 |
| RTP14      | 14' - 6"                                                                                  | No Pipes          | 92" x 174" | 12            | 900 lb   | \$3,030.00 |
| RTP14-496  | 14' - 6"                                                                                  | (4) 2-3/8" x 96"  | 92" x 174" | 12            | 1,020 lb | \$3,485.00 |
| RTP14-4126 | 14' - 6"                                                                                  | (4) 2-3/8" x 126" | 92" x 174" | 12            | 1,060 lb | \$3,610.00 |
| MAT18      | 1/2" x 18" x 48" Rubber Mat                                                               |                   |            |               | 16 lb    | \$33.75    |
| CSRT-BTD   | Ballast Tie Down Kit (RTP10 requires 3, RTP 12 requires 4, RTP14 requires 6)              |                   |            |               | 12 lb    | \$155.00   |
| SCX7-U     | Universal Crossover Plate Kit, 1-1/2" - 4-1/2" pipes, two kits required per mounting pipe |                   |            |               | 16 lb    | \$83.60    |

## Non-Penetrating Rooftop Frames with RRU Mounts

- Similar to our standard non-penetrating rooftop pipe frames, but include a rear RRU mounting frame
- Standard kits include four 2-3/8" x 174" antenna mounting pipes
- NP kits include hardware for 2-3/8" antenna mounting pipes; purchase antenna mounting pipes separately (p. 154)
- If using other size antenna mounting pipes purchase SCX7-U universal crossover plate kits (p. 149)
- Welded trays for easy assembly
- If additional ballast capacity is required use ballast tray add-on kits (p. 75)
- Purchase rubber mats separately (p. 70)
- **Call or see our online assembly drawings for ballast equations.**  
**[www.sitepro1.com](http://www.sitepro1.com)**



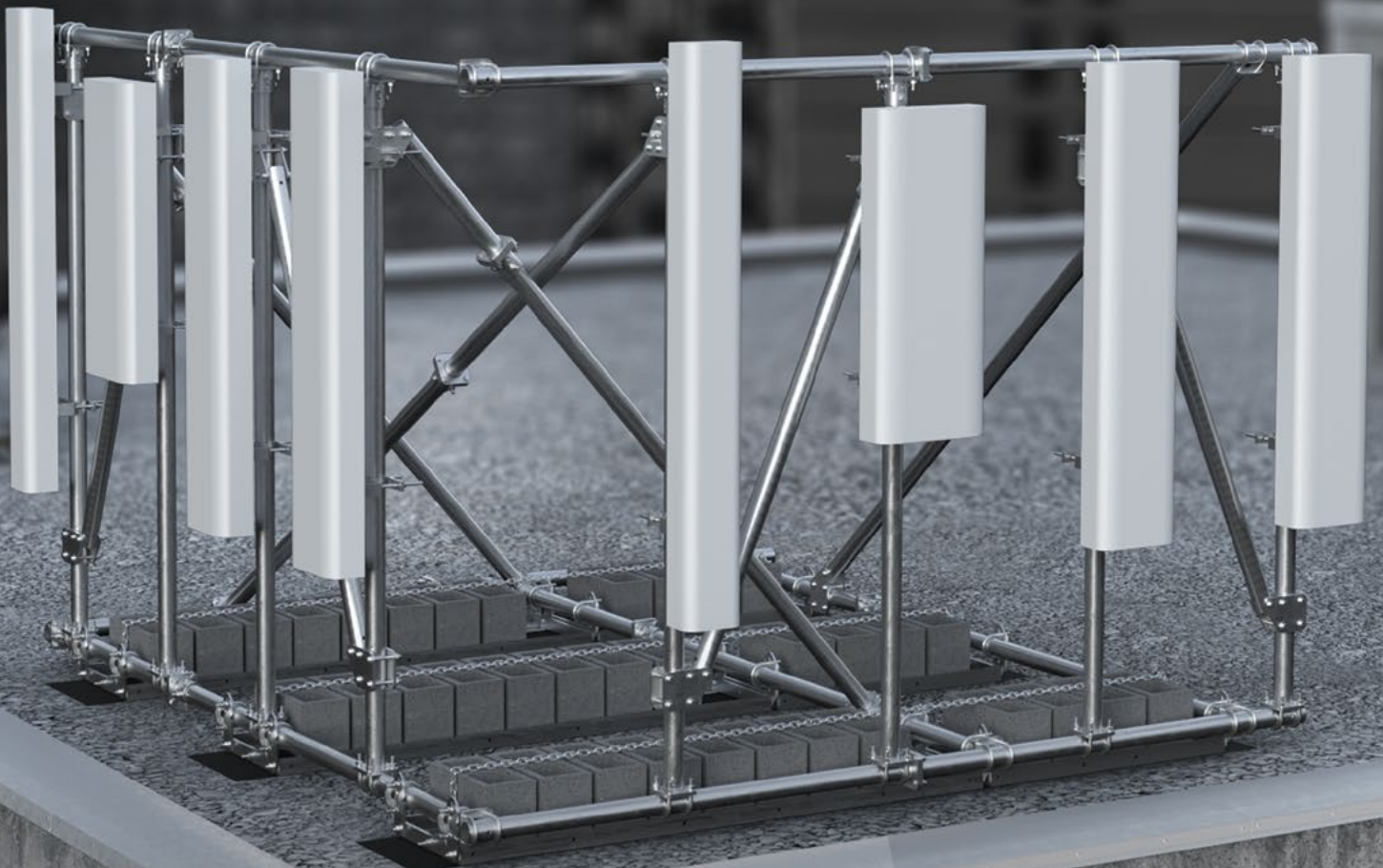
Order antenna mounting pipes separately



| Part #        | Face Width                                                                                 | Mounting Pipes    | Footprint  | Mats Required | Weight   | Price      |
|---------------|--------------------------------------------------------------------------------------------|-------------------|------------|---------------|----------|------------|
| RTP10-3RRU    | 10'-6"                                                                                     | (4) 2-3/8" x 174" | 92" x 126" | 6             | 1,050 lb | \$3,395.00 |
| RTP12-3RRU    | 12'-6"                                                                                     | (4) 2-3/8" x 174" | 92" x 150" | 8             | 1,150 lb | \$3,445.00 |
| RTP14-3RRU    | 14'-6"                                                                                     | (4) 2-3/8" x 174" | 92" x 174" | 12            | 1,375 lb | \$4,115.00 |
| RTP10-3RRU-NP | 10'-6"                                                                                     | No Pipes          | 92" x 126" | 6             | 830 lb   | \$2,610.00 |
| RTP12-3RRU-NP | 12'-6"                                                                                     | No Pipes          | 92" x 150" | 8             | 930 lb   | \$2,840.00 |
| RTP14-3RRU-NP | 14'-6"                                                                                     | No Pipes          | 92" x 174" | 12            | 1,155 lb | \$3,340.00 |
| MAT18         | 1/2" x 18" x 48" Rubber Mat                                                                |                   |            |               | 16 lb    | \$33.75    |
| CSRT-BTD      | Ballast Tie Down Kit (RTP10-3RRU requires 3, RTP12-3RRU requires 4, RTP14-3RRU requires 6) |                   |            |               | 12 lb    | \$155.00   |
| SCX7-U        | Universal Crossover Plate Kit, 1-1/2" - 4-1/2" pipes, two kits required per mounting pipe  |                   |            |               | 16 lb    | \$83.60    |

# Easy setup with unlimited configurations

Build it your way with our revolutionary CSRT™ modular rooftop deployment system.



- Unlimited configurations with modular components
- Ultra-simple setup with compact components
- Heavy-duty design for the present and future
- Easy installation at the most difficult-to-access sites
- Innovative design enables easy sectorization
- Enables cost-saving mount modifications
- Kits available in 2-sided, 3-sided, and 4-sided versions
- All hardware easily bolts together

Learn more at [SitePro1.com](https://SitePro1.com)

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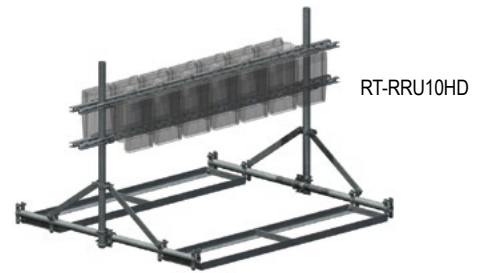
## ROOFTOP MOUNTS

### Non-Penetrating Rooftop RRU Mounts

- RT-RRU5HD is designed for 8 RRU mounting locations
- RT-RRU10HD is designed for 14 RRU mounting locations
- Horizontals are 12 gauge galvanized slotted unistrut for direct mounting
- Suitable for mounting RRU's on both sides
- If additional ballast capacity is required use ballast tray add-on kits (p. 75)
- Purchase rubber mats separately (see p. 70)
- **Call or see our online assembly drawings for ballast equations [www.sitepro1.com](http://www.sitepro1.com)**



| Part #     | Face Width                                      | Footprint | Mats Required | Weight | Price      |
|------------|-------------------------------------------------|-----------|---------------|--------|------------|
| RT-RRU5HD  | 5'                                              | 55" x 63" | 2             | 285 lb | \$1,045.00 |
| RT-RRU10HD | 10'                                             | 84" x 98" | 4             | 400 lb | \$1,485.00 |
| MAT18      | 1/2" x 18" x 48" Rubber Mat                     |           |               | 16 lb  | \$33.75    |
| CSRT-BTD   | Ballast Tie Down Kit for RT-RRU5HD (2 required) |           |               | 12 lb  | \$155.00   |



RT-RRU10HD



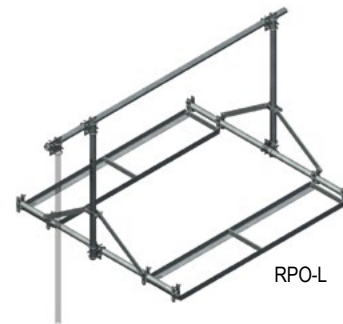
RT-RRU5HD

### Rooftop Parapet Overhang Mounts

- Non-penetrating design, small and large versions available
- Designed for parapet walls 24"-58" height range
- Purchase 2-3/8" antenna mounting pipes separately (see p. 154)
- If additional ballast capacity is required use ballast tray add-on kits (p. 75)
- Purchase rubber mats separately (see p. 70)
- **Call or see our online assembly drawings for ballast equations [www.sitepro1.com](http://www.sitepro1.com)**



| Part #   | Footprint                                   | Mats Required | Weight | Price      |
|----------|---------------------------------------------|---------------|--------|------------|
| RPO-S    | 55" x 63"                                   | 2             | 300 lb | \$1,045.00 |
| RPO-L    | 84" x 98"                                   | 4             | 410 lb | \$1,290.00 |
| MAT18    | 1/2" x 18" x 48" Rubber Mat                 |               | 16 lb  | \$33.75    |
| CSRT-BTD | Ballast Tie Down Kit for RPO-S (2 required) |               | 12 lb  | \$155.00   |



RPO-L

Order antenna mounting mipes separately



RPO-S

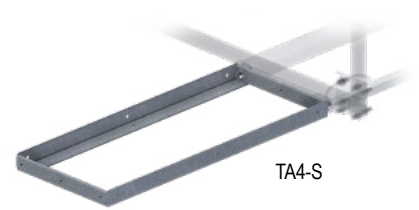


## Ballast Tray Add-On Kits

- Use to provide additional ballast to non-penetrating roof mount kits
- Available in 4' and 8' versions
- Include hardware for bolting to exiting ballast trays



| Part # | Tray Dimensions             | Mats Required | Weight | Price    |
|--------|-----------------------------|---------------|--------|----------|
| TA4-S  | 18" x 48"                   | 1             | 39 lb  | \$115.00 |
| TA8-S  | 18" x 96"                   | 2             | 79 lb  | \$185.00 |
| MAT18  | 1/2" x 18" x 48" Rubber Mat |               | 16 lb  | \$33.75  |



TA4-S



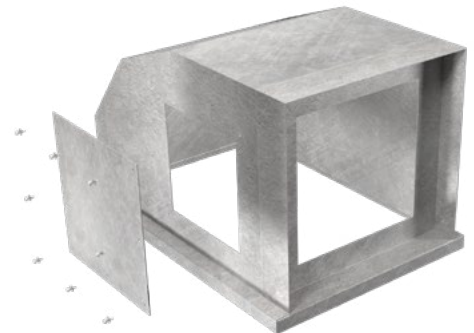
TA8-S

## Rooftop Hood Entry

- Pre-assembled; hot-dip galvanized steel
- Bottom opening 26" x 41"; front opening 20.5" x 20.5"; side opening 16" x 16"
- Overall dimensions: 48-1/2" L x 33-3/4" W x 31-3/4" H
- Order entry panels separately



| Part # | Application       | Weight | Price      |
|--------|-------------------|--------|------------|
| SP365G | Roof-Top Hood     | 195 lb | \$1,815.00 |
| E1447  | Front Entry Panel | 8.3 lb | \$256.00   |
| E2408  | Side Entry Panel  | 6.7 lb | \$170.00   |



## ROOFTOP MOUNTS

### Non-Penetrating Tripod

- Heavy-duty
- Welded trays for quick assembly
- Accepts 2-3/8" - 4-1/2" mast pipes
- Order pipe (p. 154) and rubber mats (p. 70) separately
- **Call or see our online assembly drawings for ballast equations. [www.sitepro1.com](http://www.sitepro1.com)**



| Part #   | Description                              | Weight | Price      |
|----------|------------------------------------------|--------|------------|
| TRPD-HD  | Non-Penetrating Tripod                   | 345 lb | \$1,515.00 |
| MAT18    | 1/2" x 18" x 48" Rubber Mat (6 Required) | 16 lb  | \$33.75    |
| CSRT-BTD | Ballast Tie-Down Kit (3 Required)        | 12 lb  | \$155.00   |



### Penetrating Tripod

- Heavy-duty
- Accepts 2-3/8" - 4-1/2" mast pipes
- Order pipe separately (p. 154)
- 1/2" x 3" stainless wedge anchors included



| Part #      | Description        | Weight | Price    |
|-------------|--------------------|--------|----------|
| TRPD-HD-PEN | Penetrating Tripod | 175 lb | \$690.00 |



### Penetrating Rooftop Mounts

- 2-3/8" OD by 10'-6" or 12'-6" face widths hold up to four panel antennas
- Unique angle iron base eliminates weep hole and pitch pockets
- Include attaching hardware to mount up to four 2-3/8" or 2-7/8" OD antenna mounting pipes (sold separately, p. 154)



| Part # | Description                                 | Weight | Price      |
|--------|---------------------------------------------|--------|------------|
| TP1-10 | 10' Single-Sector Penetrating Rooftop Mount | 478 lb | \$1,515.00 |
| TP1-12 | 12' Single-Sector Penetrating Rooftop Mount | 495 lb | \$1,570.00 |



### Water Tank Tripod Mount/Penetrating Roof Mount

- Welds onto tanks or bolts to rooftops with 1/2" bolts
- 2-3/8" x 96" mast
- Bracket slides for easy adjustment to sloped surfaces



| Part # | Application       | Weight | Price    |
|--------|-------------------|--------|----------|
| WTT96  | Water Tank Tripod | 95 lb  | \$546.00 |



## Cooper B-Line Dura-Blok™

- Made from 100% recycled rubber
- Do not require a separate rubber mat to protect the roof
- Include 14 ga galvanized channel, 1" high
- See p. 143 for strut attachment hardware

| Part # | Height | Width | Length | Weight  | Price    |
|--------|--------|-------|--------|---------|----------|
| DB5    | 5"     | 6"    | 4.8"   | 2.8 lb  | \$107.00 |
| DB10   | 5"     | 6"    | 9.6"   | 5.3 lb  | \$162.00 |
| DB20   | 5"     | 6"    | 20.2"  | 10.7 lb | \$340.00 |

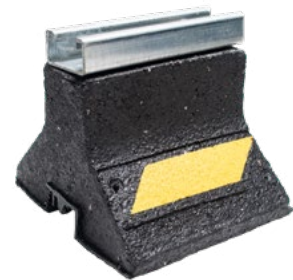


DB20

## Rubber Rooftop Supports

- Small rubber supports provide an economic alternative for rooftop cable support
- 100% recycled rubber does not require a separate rubber mat
- C5-B:
  - UV-resistant strut 1-5/8" wide by 7/8" tall
  - Maximum load 300 lb
- C10 & C20
  - UV-resistant strut 1-5/8" wide by 13/16" tall
  - Maximum load 750 lb per 9.6"
- See p. 143 for strut attachment hardware

| Part # | Height | Width | Length | Weight  | Price   |
|--------|--------|-------|--------|---------|---------|
| C5-B   | 4-7/8" | 6"    | 5"     | 2.3 lb  | \$23.70 |
| C10    | 4-7/8" | 6"    | 9.6"   | 5.3 lb  | \$34.85 |
| C20    | 4-7/8" | 6"    | 19.2"  | 11.2 lb | \$79.80 |



## ROOFTOP CABLE

### Rooftop Cable Kits

- Used to protect cables on rooftops
- Self-splicing cover eliminates need for splices
- Heavy-duty 12 gauge galvanized steel
- Each kit includes three sleepers and hardware
- Cover height is 3-1/2"
- SP1595 uses two covers side by side



| Part # | # of Runs | Cover Size   | Weight | Price    |
|--------|-----------|--------------|--------|----------|
| SP1542 | 4         | 11-1/2" x 8' | 58 lb  | \$270.00 |
| SP1543 | 8         | 21-1/2" x 8' | 89 lb  | \$470.00 |
| SP1595 | 12        | 33" x 8'     | 140 lb | \$644.00 |



Rubber pads shown but not included.

### Tall Rooftop Cable Kits

- Tall rooftop cable kits accept stackable snap-Ins
- Stack up to two 1-5/8" snap-Ins or three 7/8" snap-Ins
- Self-splicing cover eliminates need for splices
- Heavy-duty 12 gauge galvanized steel cover
- Each kit includes three sleepers and hardware
- Cover height is 8-1/4"
- SP1595D uses two covers side by side



| Part #  | # of Holes for Snap-Ins                                  | Cover Size   | Weight | Price    |
|---------|----------------------------------------------------------|--------------|--------|----------|
| SP1542D | 4 (stack up to (8) 1-5/8" cables, or (12) 7/8" cables)   | 11-1/2" x 8' | 84 lb  | \$385.00 |
| SP1543D | 8 (stack up to (16) 1-5/8" cables, or (24) 7/8" cables)  | 21-1/2" x 8' | 168 lb | \$590.00 |
| SP1595D | 12 (stack up to (24) 1-5/8" cables, or (36) 7/8" cables) | 33" x 8'     | 190 lb | \$896.00 |



Rubber pads shown but not included.

### Adjustable Splices for Rooftop Cable Kits

- Adjustable splices used to join sections of cable kits
- Use to make up to a 45° bend
- Hot-dip galvanized
- Includes hardware

| Part # | Application               | Weight  | Price    |
|--------|---------------------------|---------|----------|
| SP1573 | 0-45° splice, 4-Run Kits  | 4.0 lb  | \$60.25  |
| SP1574 | 0-45° splice, 8-Run Kits  | 10.5 lb | \$109.00 |
| SP1597 | 0-45° splice, 12-Run Kits | 40 lb   | \$373.00 |



## Sleeper Pads

- Provide protection for rooftops, and keep sleepers in position
- Manufactured from UV-resistant 1/4" thick rubber

| Part # | Size     | Weight | Price   |
|--------|----------|--------|---------|
| RP4    | 4" x 10' | 6 lb   | \$49.05 |
| RP8    | 8" x 10' | 12 lb  | \$99.95 |



## PVC Rooftop Sleepers

- Manufactured from durable 4" x 4" UV-resistant PVC
- Available pre-cut and pre-punched with snap-in holes; also available in blank 8' lengths

| Part #  | # of Runs | Length  | Weight | Price   |
|---------|-----------|---------|--------|---------|
| SLPR4   | 4         | 22"     | 2.5 lb | \$26.50 |
| SLPR8   | 8         | 31-7/8" | 3.7 lb | \$36.05 |
| SLPR12  | 12        | 43-3/8" | 5.0 lb | \$57.25 |
| SLBLANK | BLANK     | 8'      | 12 lb  | \$54.30 |



## Rooftop Cable Run T-Stands

- Galvanized steel T-stands allow horizontal runs of coax across rooftops
- Base plates are 1/2" x 12" x 12" with 9/16" holes
- Come with ladder mounting hardware
- Cable ladder sold separately (p. 32)
- TL24-NP is sold without the horizontal pipe for custom applications; purchase 2-3/8" pipe separately (p. 154)
- Wedge anchors sold separately (p. 161)

| Part #  | # of Runs | Height | Width  | Use with Ladder | Weight | Price    |
|---------|-----------|--------|--------|-----------------|--------|----------|
| TL24-14 | 4         | 24"    | 14.5"  | WCL4            | 46 lb  | \$265.00 |
| TL24-20 | 6         | 24"    | 21"    | WCL6            | 48 lb  | \$295.00 |
| TL24-NP | Custom    | 24"    | Custom | Custom          | 41 lb  | \$250.00 |

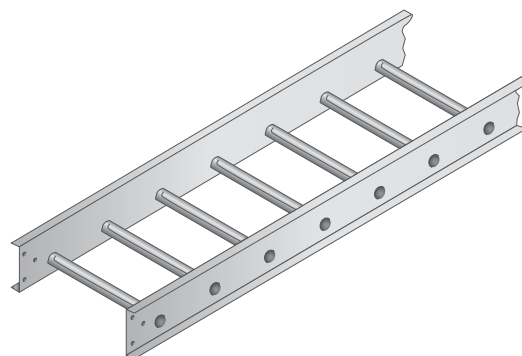




# ALUMINUM CABLE TRAY

## Straight Aluminum Cable Tray

- 5" side rails with 4" loading depth
- 9" rung spacing
- Each 12' section includes splices and hardware
- 3/4" Lip on both sides

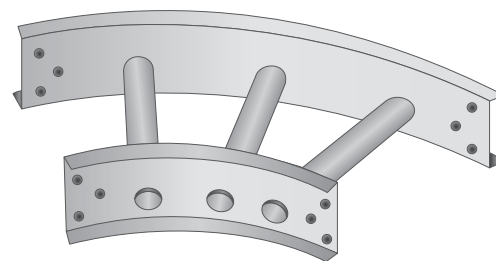


| Part #      | Size      | Type  | Weight | Price    |
|-------------|-----------|-------|--------|----------|
| LT-06-4D    | 6" x 12'  | Tray  | 15 lb  | \$238.00 |
| LT-VSS-06-A | 6" x 12'  | Cover | 5 lb   | \$98.25  |
| LT-09-4D    | 9" x 12'  | Tray  | 17 lb  | \$245.00 |
| LT-VSS-09-A | 9" x 12'  | Cover | 7 lb   | \$120.00 |
| LT-12-4D    | 12" x 12' | Tray  | 19 lb  | \$255.00 |
| LT-VSS-12-A | 12" x 12' | Cover | 9 lb   | \$142.50 |
| LT-18-4D    | 18" x 12' | Tray  | 21 lb  | \$280.00 |
| LT-VSS-18-A | 18" x 12' | Cover | 11 lb  | \$186.00 |
| LT-24-4D    | 24" x 12' | Tray  | 23 lb  | \$296.00 |
| LT-VSS-24-A | 24" x 12' | Cover | 15 lb  | \$247.00 |

## 45° Horizontal Bends

- Each section includes splice plates and hardware
- Matching cover listed below

| Part #       | Description    | Type  | Weight  | Price    |
|--------------|----------------|-------|---------|----------|
| LT-C45-06-4D | 6" (45° Bend)  | Tray  | 2 lb    | \$95.80  |
| LT-V45-06-A  | 6" (45° Bend)  | Cover | 1 lb    | \$49.20  |
| LT-C45-09-4D | 9" (45° Bend)  | Tray  | 2.5 lb  | \$101.50 |
| LT-V45-09-A  | 9" (45° Bend)  | Cover | 1.25 lb | \$50.75  |
| LT-C45-12-4D | 12" (45° Bend) | Tray  | 3 lb    | \$107.25 |
| LT-V45-12-A  | 12" (45° Bend) | Cover | 1.5 lb  | \$56.40  |
| LT-C45-18-4D | 18" (45° Bend) | Tray  | 4 lb    | \$118.50 |
| LT-V45-18-A  | 18" (45° Bend) | Cover | 2 lb    | \$74.20  |
| LT-C45-24-4D | 24" (45° Bend) | Tray  | 5 lb    | \$130.00 |
| LT-V45-24-A  | 24" (45° Bend) | Cover | 2.5 lb  | \$78.80  |

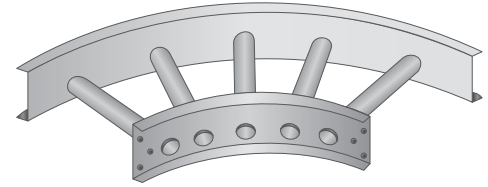


## 90° Horizontal Bends

- Each section includes splice plates and hardware
- Matching cover listed below



| Part #       | Description    | Type  | Weight | Price    |
|--------------|----------------|-------|--------|----------|
| LT-C90-06-4D | 6" (90° Bend)  | Tray  | 4 lb   | \$152.50 |
| LT-V90-06-A  | 6" (90° Bend)  | Cover | 1.5 lb | \$84.50  |
| LT-C90-09-4D | 9" (90° Bend)  | Tray  | 5 lb   | \$158.00 |
| LT-V90-09-A  | 9" (90° Bend)  | Cover | 2 lb   | \$96.50  |
| LT-C90-12-4D | 12" (90° Bend) | Tray  | 6 lb   | \$164.00 |
| LT-V90-12-A  | 12" (90° Bend) | Cover | 2.5 lb | \$110.50 |
| LT-C90-18-4D | 18" (90° Bend) | Tray  | 7 lb   | \$178.00 |
| LT-V90-18-A  | 18" (90° Bend) | Cover | 4 lb   | \$147.50 |
| LT-C90-24-4D | 24" (90° Bend) | Tray  | 8 lb   | \$181.00 |
| LT-V90-24-A  | 24" (90° Bend) | Cover | 6 lb   | \$152.50 |

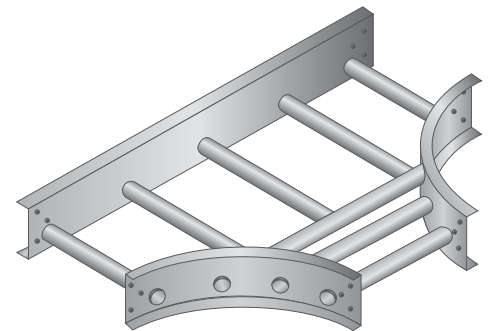


## Horizontal T-Junctions

- Each section includes splices and hardware
- Matching cover listed below



| Part #      | Description      | Type  | Weight  | Price    |
|-------------|------------------|-------|---------|----------|
| LT-TJ-06-4D | 6" (T-Junction)  | Tray  | 8 lb    | \$309.00 |
| LT-VTJ-06-A | 6" (T-Junction ) | Cover | 6 lb    | \$146.50 |
| LT-TJ-09-4D | 9" (T-Junction)  | Tray  | 9 lb    | \$320.00 |
| LT-VTJ-09-A | 9" (T-Junction)  | Cover | 6.5 lb  | \$149.50 |
| LT-TJ-12-4D | 12" (T-Junction) | Tray  | 10 lb   | \$338.00 |
| LT-VTJ-12-A | 12" (T-Junction) | Cover | 7 lb    | \$174.50 |
| LT-TJ-18-4D | 18" (T-Junction) | Tray  | 11.5 lb | \$351.00 |
| LT-VTJ-18-A | 18" (T-Junction) | Cover | 7.5 lb  | \$203.50 |
| LT-TJ-24-4D | 24" (T-Junction) | Tray  | 13 lb   | \$394.00 |
| LT-VTJ-24-A | 24" (T-Junction) | Cover | 8 lb    | \$242.50 |

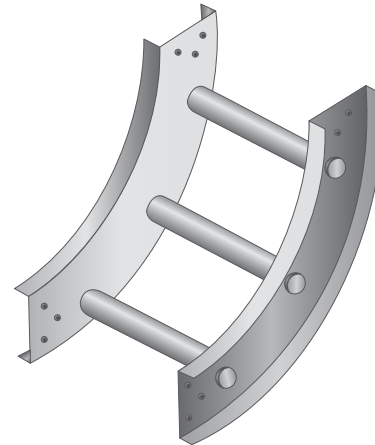


## Inside 90° Vertical Risers

- Each section includes splice plates and hardware
- Matching cover listed below



| Part #        | Description              | Type  | Weight | Price    |
|---------------|--------------------------|-------|--------|----------|
| LT-RI90-06-4D | 6" (Inside Vert. Riser)  | Tray  | 4.5 lb | \$177.00 |
| LT-VRI90-06-A | 6" (Inside Vert. Riser)  | Cover | 1.5 lb | \$90.25  |
| LT-RI90-09-4D | 9" (Inside Vert. Riser)  | Tray  | 5 lb   | \$196.00 |
| LT-VRI90-09-A | 9" (Inside Vert. Riser)  | Cover | 2 lb   | \$91.75  |
| LT-RI90-12-4D | 12" (Inside Vert. Riser) | Tray  | 6 lb   | \$201.00 |
| LT-VRI90-12-A | 12" (Inside Vert. Riser) | Cover | 2.5 lb | \$107.25 |
| LT-RI90-18-4D | 18" (Inside Vert. Riser) | Tray  | 7 lb   | \$210.00 |
| LT-VRI90-18-A | 18" (Inside Vert. Riser) | Cover | 3.5 lb | \$118.50 |
| LT-RI90-24-4D | 24" (Inside Vert. Riser) | Tray  | 8 lb   | \$240.00 |
| LT-VRI90-24-A | 24" (Inside Vert. Riser) | Cover | 4.5 lb | \$132.00 |

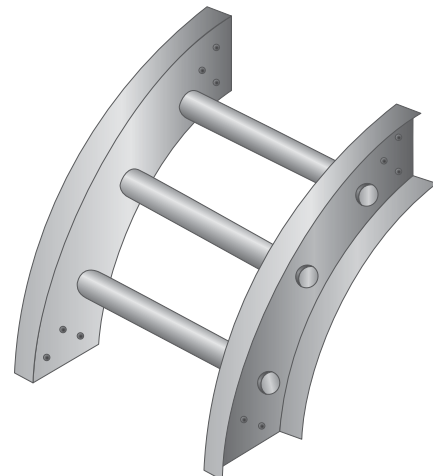


## Outside 90° Vertical Risers

- Each section includes splice plates and hardware
- Matching cover listed below



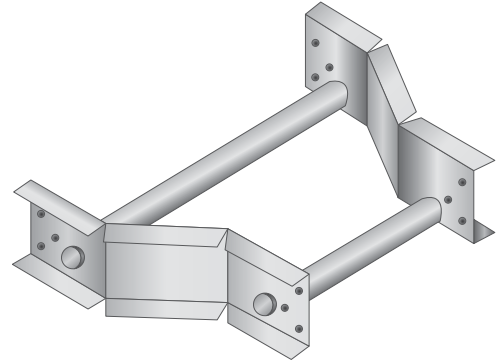
| Part #        | Description               | Type  | Weight | Price    |
|---------------|---------------------------|-------|--------|----------|
| LT-RO90-06-4D | 6" (Outside Vert. Riser)  | Tray  | 4.5 lb | \$183.00 |
| LT-VRO90-06-A | 6" (Outside Vert. Riser)  | Cover | 1.5 lb | \$90.25  |
| LT-RO90-09-4D | 9" (Outside Vert. Riser)  | Tray  | 5 lb   | \$196.00 |
| LT-VRO90-09-A | 9" (Outside Vert. Riser)  | Cover | 2 lb   | \$91.75  |
| LT-RO90-12-4D | 12" (Outside Vert. Riser) | Tray  | 6 lb   | \$201.00 |
| LT-VRO90-12-A | 12" (Outside Vert. Riser) | Cover | 2.5 lb | \$107.25 |
| LT-RO90-18-4D | 18" (Outside Vert. Riser) | Tray  | 7 lb   | \$210.00 |
| LT-VRO90-18-A | 18" (Outside Vert. Riser) | Cover | 3.5 lb | \$118.50 |
| LT-RO90-24-4D | 24" (Outside Vert. Riser) | Tray  | 8 lb   | \$240.00 |
| LT-VRO90-24-A | 24" (Outside Vert. Riser) | Cover | 4.5 lb | \$132.00 |



## Straight Reducers

- Used to mate smaller width tray to larger widths
- Matching covers listed below

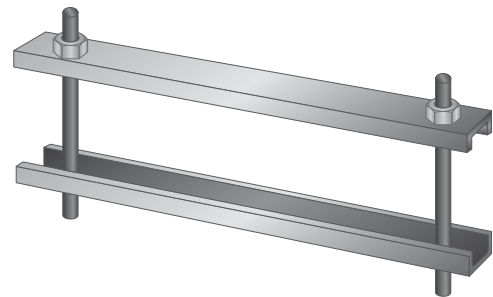
| Part #       | Description        | Type  | Weight | Price    |
|--------------|--------------------|-------|--------|----------|
| 248-12ST-06  | 12" to 6" Reducer  | Tray  | 1.2 lb | \$198.00 |
| FS28-12ST-06 | 12" to 6" Reducer  | Cover | 0.5 lb | \$121.50 |
| 248-12ST-09  | 12" to 9" Reducer  | Tray  | 1.3 lb | \$203.50 |
| FS28-12ST-09 | 12" to 9" Reducer  | Cover | 0.6 lb | \$128.00 |
| 248-18ST-12  | 18" to 12" Reducer | Tray  | 1.8 lb | \$214.50 |
| FS28-18ST-12 | 18" to 12" Reducer | Cover | 0.8 lb | \$128.00 |
| 248-24ST-12  | 24" to 12" Reducer | Tray  | 1.8 lb | \$223.00 |
| FS28-24ST-12 | 24" to 12" Reducer | Cover | 1.0 lb | \$144.50 |
| 248-24ST-18  | 24" to 18" Reducer | Tray  | 1.8 lb | \$223.00 |
| FS28-24ST-18 | 24" to 18" Reducer | Cover | 1.1 lb | \$144.50 |



## Channel Type Cover Connectors

- Heavy-duty cover hold down
- Use in high wind applications
- Minimum of three cover connectors required per 12' cable tray section

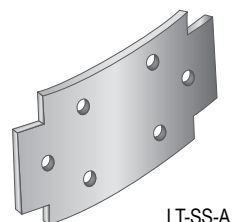
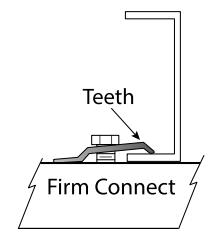
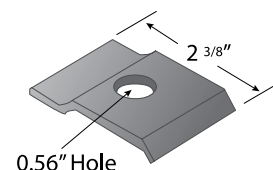
| Part #    | Description         | Weight | Price   |
|-----------|---------------------|--------|---------|
| 248-06-DC | 6" Cover Connector  | 1.2 lb | \$32.20 |
| 248-09-DC | 9" Cover Connector  | 1.4 lb | \$30.85 |
| 248-12-DC | 12" Cover Connector | 1.6 lb | \$25.50 |
| 248-18-DC | 18" Cover Connector | 1.8 lb | \$29.05 |
| 248-24-DC | 24" Cover Connector | 2.0 lb | \$34.50 |



## Ladder Hold-Down Clamp and Splice Plates

- Hold-down clamp accepts 1/2" hardware
- Splice plates are included with ladder sections, but also available separately; sold in pairs and include hardware

| Part #  | Description              | Weight | Price   |
|---------|--------------------------|--------|---------|
| 9131    | Hold-Down Clamp          | 0.1 lb | \$4.00  |
| LT-SS-A | Pair of Straight Splices | 1.8 lb | \$18.60 |



## Modular Steel Step-Over Kits

- Step-over kits provide a safe means of access/egress over roof-mounted cable trays, conduit, ductwork, etc.
- Hot-dip galvanized steel construction with non-skid expanded metal walking surfaces
- Available in a variety of sizes and configurations
- See table for vertical clearance and maximum span dimensions

### Modular Steel Step-Over Kits



| Part #        | Description                                                                                   | Legs     | Handrails | Steps | Height     | Span  | Weight   | Price      |
|---------------|-----------------------------------------------------------------------------------------------|----------|-----------|-------|------------|-------|----------|------------|
| MSO46-6SLS1   | 6' W x 4' L Modular Stepover                                                                  | Footpads | No        | 1     | 9" - 14.5" | 29.5" | 680 lb   | \$5,425.00 |
| MSO46-6JLS2   | 6' W x 4' L Modular Stepover                                                                  | Jack     | No        | 2     | 9" - 24"   | 29.5" | 990 lb   | \$6,925.00 |
| MSO44-4SS1    | 4' W x 4' L Modular Stepover                                                                  | Footpads | No        | 1     | 9" - 14.5" | 29.5" | 455 lb   | \$2,375.00 |
| MSO44-4JH16S2 | 4' W x 4' L Modular Stepover                                                                  | Jack     | Yes       | 2     | 9" - 24"   | 29.5" | 965 lb   | \$4,805.00 |
| MSO46-6SS1    | 4' W x 6' L Modular Stepover                                                                  | Footpads | No        | 1     | 9" - 14.5" | 53.5" | 645 lb   | \$2,750.00 |
| MSO46-6JH20S2 | 4' W x 6' L Modular Stepover                                                                  | Jack     | Yes       | 2     | 9" - 24"   | 53.5" | 1,140 lb | \$5,810.00 |
| MSO48-8SS1    | 4' W x 8' L Modular Stepover                                                                  | Footpads | No        | 1     | 9" - 14.5" | 77.5" | 630 lb   | \$3,205.00 |
| MSO48-8JH24S2 | 4' W x 8' L Modular Stepover                                                                  | Jack     | Yes       | 2     | 9" - 24"   | 77.5" | 1,280 lb | \$6,190.00 |
| MMAT          | 1/2" x 18" x 18" Rubber Mat (4 req'd for 1-step step-overs, 5 required for 2-step step-overs) |          |           |       |            |       | 6 lb     | \$16.75    |



MSO46-6SLS1



MSO44-4JH16S2



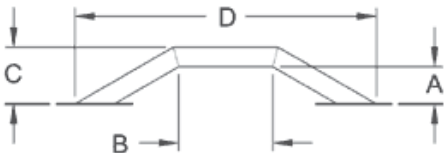
Aluminum Step-Over Kits

- Aluminum construction keeps the weight down
- Heliarc-welded heavy-duty aluminum frames are rust and maintenance free
- Non-skid treads on platform are self-cleaning
- Load rating is 1,200 lb



| Part #  | Weight | Price      |
|---------|--------|------------|
| UB10-24 | 55 lb  | \$1,065.00 |
| UB10-36 | 65 lb  | \$1,150.00 |

| Part #  | A   | B   | C   | D     | Width | Feet     |
|---------|-----|-----|-----|-------|-------|----------|
| UB10-24 | 10" | 24" | 13" | 42.5" | 36"   | 6" x 18" |
| UB10-36 | 10" | 36" | 13" | 48"   | 18"   | 6" x 18" |

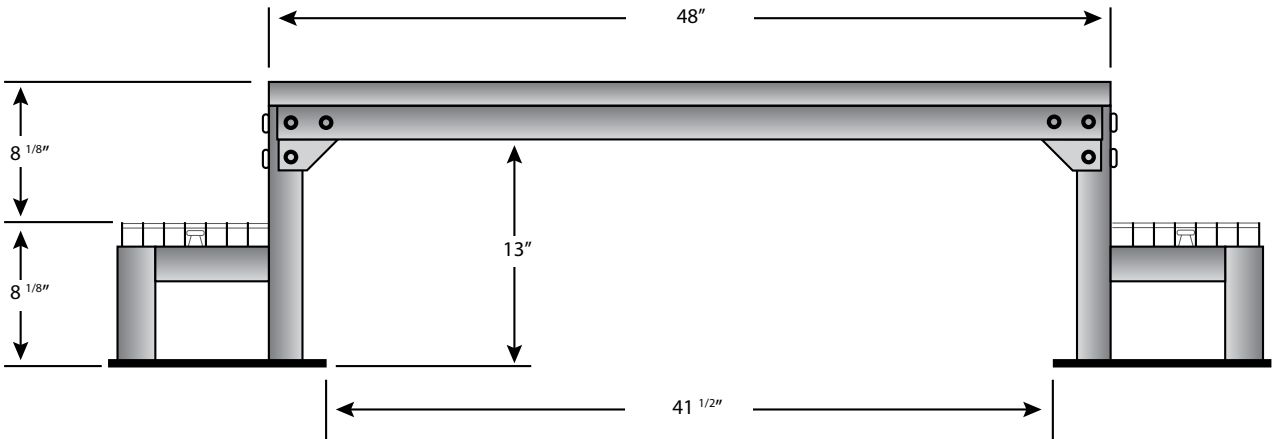


Steel Step-Over Kits

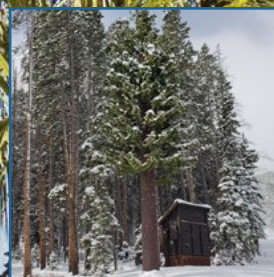
- Sturdy steel construction
- Minimal bolt-together assembly
- 24" wide safety grated non-skid surfaces
- All parts hot-dip galvanized



| Part # | Description                    | Weight | Price      |
|--------|--------------------------------|--------|------------|
| STEP48 | Galvanized Steel Step-Over Kit | 175 lb | \$1,745.00 |







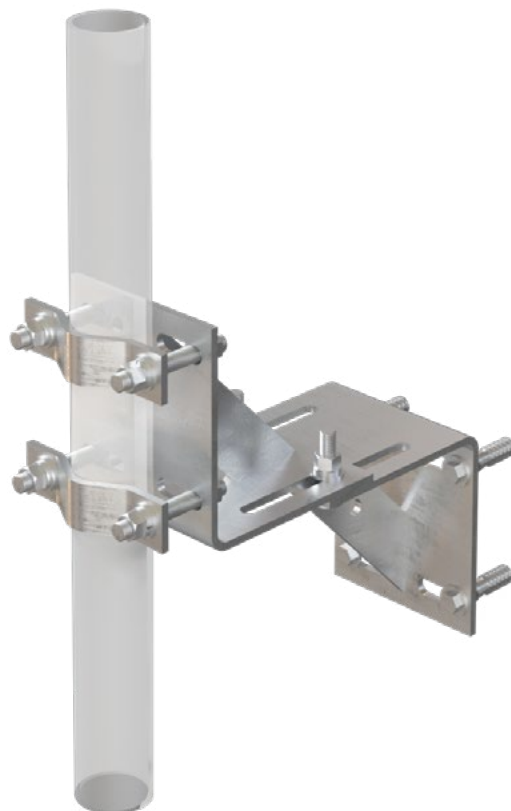
## Natural Concealment Solutions

Valmont® Telecom offers a complete line of creative concealment solutions to help your communication structures blend in with the surrounding natural environment. Our Larson<sup>™</sup> solutions are custom-engineered to meet your technical requirements on the inside, while on the outside, they can appear to be a tree, cactus, or anything else you can imagine.

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# WALL MOUNTS & CHIMNEY MOUNTS



## CABLE WALL MOUNTS

### Wall Mount Covered Cable Kits

- Include galvanized covers and two wall mount brackets to support the coax
- Wall mount brackets are punched for snap-in hangers
- Covers are 8' long
- 12-run kits are now one piece, no splicing required
- Covers are 5-1/4" deep with a 3-1/4" loading depth
- **Improved version:** Self-splicing design eliminates the need for splice plates!



| Part # | # of Runs | Size         | Weight | Price    |
|--------|-----------|--------------|--------|----------|
| WMC4   | 4         | 11-1/2" x 8' | 44 lb  | \$275.00 |
| WMC8   | 8         | 21-1/2" x 8' | 65 lb  | \$418.00 |
| WMC12  | 12        | 31" x 8'     | 81 lb  | \$505.00 |



1/2" wall mounting hardware purchased separately

### Deep Wall Mount Covered Cable Kits

- Deeper covers allow use of stackable snap-ins
- Include galvanized covers and two wall mount brackets to support the coax
- Covers are 8' long
- Covers are 9" deep with a 7" loading depth
- **Improved version:** Self-splicing design eliminates the need for splice plates!



| Part # | # of Snap-In Holes      | Size         | Weight | Price    |
|--------|-------------------------|--------------|--------|----------|
| WMC4D  | 4 (Stack up to 8 Runs)  | 11-1/2" x 8' | 57 lb  | \$355.00 |
| WMC8D  | 8 (Stack up to 16 Runs) | 21-1/2" x 8' | 78 lb  | \$540.00 |



1/2" wall mounting hardware purchased separately

### Wall Mount Brackets

- Included with wall mount kits, but also available separately
- Hot-dip galvanized
- 9/16" mounting holes for 1/2" hardware
- SP1586 two mounting holes 5-3/4" c-c spacing
- SP1587 three mounting holes 7-27/32" c-c spacing
- SP1588 three mounting holes 12-7/16" c-c spacing

| Part # | # of Runs | Size    | Weight | Price   |
|--------|-----------|---------|--------|---------|
| SP1586 | 4         | 11-1/4" | 2.8 lb | \$21.55 |
| SP1587 | 8         | 21-1/4" | 4.8 lb | \$25.05 |
| SP1588 | 12        | 30-1/2" | 6.7 lb | \$31.50 |



1/2" wall mounting hardware purchased separately

## Z-Bracket Wall Mounts

- Pre-punched for snap-in and butterfly hangers
- Hot-dip galvanized
- 7/16" holes for 3/8" mounting hardware

| Part # | # of Runs | Size    | Weight | Price   |
|--------|-----------|---------|--------|---------|
| ZB12   | 4         | 11"     | 3.2 lb | \$27.15 |
| ZB24   | 8         | 21"     | 6.0 lb | \$34.10 |
| ZB36   | 12        | 32-1/2" | 9.3 lb | \$47.70 |



Order hardware to mount to hollow or solid walls

## Clamp Set Wall Mount

- Economical solution for wall mounting antennas
- Antenna mounting pipes ordered separately (p. 154)
- Intended to support one panel, whip, or yagi antenna
- Mounts to solid or hollow walls
- Threaded rods are 5/8" x 24" HDG

| Part # | Pipe Size   | Wall Thickness | Kit Qty  | Weight | Price    |
|--------|-------------|----------------|----------|--------|----------|
| WM1665 | 1" - 4-1/2" | Up to 1' 2"    | Kit of 2 | 29 lb  | \$127.25 |



Kit includes 2 clamp sets  
Order antenna mounting pipe separately

## Cantilever Wall Mounts

- The brackets are 14-1/2" wide and stand 2-3/4" or 6" off wall
- Accept 2-3/8", 2-7/8", or 3-1/2" antenna mounting pipes (ordered separately, p. 154)
- Include U-bolts for 2-3/8" antenna mounting pipe; order U-bolts for 2-7/8" or 3-1/2" antenna mounting pipes separately (p. 156)
- Order hardware to mount to hollow or solid walls
- Mounting holes 9/16" x 1-1/2" slots on 11-1/2" centers

| Part #  | Description                          | Standoff | Weight | Price   |
|---------|--------------------------------------|----------|--------|---------|
| SP250   | Two Cantilever Wall Mounts w/U-Bolts | 2-3/4"   | 14 lb  | \$55.90 |
| SP250-6 | Two Cantilever Wall Mounts w/U-Bolts | 6"       | 20 lb  | \$75.50 |
| HWK12   | Hollow Wall Mount Kit                |          | 4.7 lb | \$35.10 |
| SWK12   | Solid Wall Mount Kit                 |          | 4.4 lb | \$34.00 |



Order antenna mounting pipe separately



## WALL MOUNTS

### Angle Wall Mount Kits

- Constructed from 1/4" angles
- Stand 3" or 4" off wall
- Kits include two brackets and U-bolts
- Order antenna mounting pipe separately (p. 154)
- Order hardware to mount to hollow or solid walls

| Part # | Pipe OD               | Angle Size    | Mounting Holes        | Weight | Price    |
|--------|-----------------------|---------------|-----------------------|--------|----------|
| WMA238 | 2-3/8"                | 3" x 3" x 15" | 11/16" on 12" centers | 29 lb  | \$151.50 |
| WMA300 | 2-7/8"                | 3" x 3" x 15" | 11/16" on 12" centers | 29 lb  | \$152.50 |
| WMA312 | 3-1/2"                | 4" x 4" x 24" | 11/16" on 21" centers | 57 lb  | \$250.00 |
| WMA412 | 4-1/2"                | 4" x 4" x 24" | 11/16" on 21" centers | 57 lb  | \$255.00 |
| HWK58  | Hollow Wall Mount Kit |               |                       | 11 lb  | \$57.25  |
| SWK58  | Solid Wall Mount Kit  |               |                       | 9.2 lb | \$53.50  |



### Slider Bracket Wall Mount Kits

- Stand 11" off wall, 1' to pipe centerline
- Complete kits with U-bolts
- Order antenna mounting pipe separately (p. 154)
- Order hardware to mount to hollow or solid walls
- If 16" spacing between concrete anchors is required, order SBWM-16L long wall angle kit
- Mounting holes 13/16" x 1" slots on 12" centers

| Part #   | Pipe OD               | Description                     | Weight | Price    |
|----------|-----------------------|---------------------------------|--------|----------|
| SBWM     | 2-3/8" - 2-7/8"       | Two Slider Brackets w/ Hardware | 52 lb  | \$235.00 |
| SBWM-HD  | 3-1/2" - 4-1/2"       | Two Slider Brackets w/ Hardware | 54 lb  | \$268.00 |
| SBWM-16L | N/A                   | Long Wall Angle Kit             | 17 lb  | \$126.00 |
| HWK58    | Hollow Wall Mount Kit |                                 | 11 lb  | \$57.25  |
| SWK58    | Solid Wall Mount Kit  |                                 | 9.2 lb | \$53.50  |



### Slider Bracket Corner Mount Kits

- Versatile corner wall mounts
- 12-1/4" to pipe centerline
- Complete kits with U-bolts
- Order antenna mounting pipe separately (p. 154)
- Order hardware to mount to hollow or solid walls

| Part #  | Pipe OD                           | Description                      | Weight | Price    |
|---------|-----------------------------------|----------------------------------|--------|----------|
| CWMM    | 2-3/8" - 2-7/8"                   | Two Slider Bracket Corner Mounts | 102 lb | \$380.00 |
| CWMM-HD | 3-1/2" - 4-1/2"                   | Two Slider Bracket Corner Mounts | 104 lb | \$430.00 |
| HWK258  | Hollow Wall Mount Kit, Heavy Duty |                                  | 22 lb  | \$101.50 |
| SWK258  | Solid Wall Mount Kit, Heavy Duty  |                                  | 19 lb  | \$107.00 |



## Standoff Wireless Wall Mounts

- Use to install panel or whip antennas
- Kits include U-bolts for 2-3/8" and 2-7/8" antenna mounting pipes
- Order antenna mounting pipe separately (p. 154)
- If mounting a 3-1/2" OD pipe, purchase U-bolts (UB1358) separately (p. 156)
- Wall plate is 1/2" thick by 8-1/2" square with four 11/16" holes on 6" centers
- Standoff is 4" x 3/16" square tube
- Order hardware to mount to hollow or solid walls

| Part # | Stand Off             | Weight | Price    |
|--------|-----------------------|--------|----------|
| WWM01  | 8"                    | 25 lb  | \$230.00 |
| WWM02  | 2'                    | 38 lb  | \$287.00 |
| WWM03  | 3'                    | 50 lb  | \$335.00 |
| HWK58  | Hollow Wall Mount Kit | 11 lb  | \$57.25  |
| SWK58  | Solid Wall Mount Kit  | 9.2 lb | \$53.50  |



WWM02



WWM01



Order antenna mounting  
pipe separately

## Heavy-Duty Wall Mount Brackets

- Accept 2-3/8" or 4-1/2" OD antenna mounting pipes (order separately, p. 154)
- Order U-bolts separately (p. 156)
- Full-size backing plates are included with hollow wall kit
- Solid-wall version includes stainless wedge anchors
- Standard models stand 4" off wall; extended models stand 12" off wall
- Mounting plate is 12" x 12" with 9/16" holes on 10" centers

| Part #   | Description            | Quantity | Weight | Price    |
|----------|------------------------|----------|--------|----------|
| SP221    | 4" Hollow Wall Kit     | Kit of 2 | 64 lb  | \$272.00 |
| SP222    | 4" Solid Wall Kit      | Kit of 2 | 35 lb  | \$231.00 |
| SP221-12 | 12" Hollow Wall Kit    | Kit of 2 | 80 lb  | \$303.00 |
| SP222-12 | 12" Solid Wall Kit     | Kit of 2 | 50 lb  | \$261.00 |
| UB1212   | 1/2" x 2-1/2" x 4-1/2" | U-Bolt   | 0.7 lb | \$5.15   |
| UB5458   | 5/8" x 4-5/8" x 7"     | U-Bolt   | 1.6 lb | \$11.50  |



Kit includes 2 brackets  
(U-bolts shown but  
not included).



Order antenna mounting  
pipe separately

## GPS Wall Mount

- Versatile GPS mount is 4' long and stands 6" off the wall
- 1" OD mast with 3/4" NPT threaded end
- Mounting holes are 9/16" x 1" slots

| Part # | Description     | Weight | Price   |
|--------|-----------------|--------|---------|
| GPS1   | GPS Wall Mount  | 10 lb  | \$96.00 |
| HWK12  | Hollow Wall Kit | 4.7 lb | \$35.10 |
| SWK12  | Solid Wall Kit  | 4.4 lb | \$34.00 |



## WALL MOUNTS

### Next Generation Heavy-Duty Wall Mounts

- These mounts provide a solution for mounting microwave, directional DAS, or omni wireless antennas
- Accept 1" to 2-3/8" antenna mounting pipes (ordered separately, p. 154)
- Adjustable spacing between the clamps allows flexibility and maximum stability when mounting directional antennas
- Hot-dip galvanized steel construction; low cost
- Kits include galvanized lag screws and shields for solid wall mounting
- Purchase hollow wall mount kit if required

| Part # | Standoff              | Weight | Price   |
|--------|-----------------------|--------|---------|
| HDWM04 | 4"                    | 6.9 lb | \$56.40 |
| HDWM08 | 8"                    | 8.5 lb | \$67.15 |
| HWK12  | Hollow Wall Mount Kit | 4.7 lb | \$35.10 |



HDWM04

Order antenna mounting pipe separately



HDWM08

### Universal Adjustable Wall Mount Brackets

- Extendable design adds flexibility to these wall mounts
- Use one bracket for lighter applications, or double up for a robust mounting solution
- Accept 3/4" to 2-3/8" OD antenna mounting pipes
- Order antenna mounting pipes separately (p. 154)
- Includes hardware for solid wall mounting (1/2" x 2-1/2" wedge anchors)
- Purchase hollow wall mount kit if required
- Hot-dip galvanized

| Part #  | Stand-Off | Description                   | Weight | Price    |
|---------|-----------|-------------------------------|--------|----------|
| WMU-12S | 7" - 12"  | Adjustable Wall Mount Bracket | 16 lb  | \$77.90  |
| WMU-24S | 14" - 24" | Adjustable Wall Mount Bracket | 25 lb  | \$109.00 |
| WMH-HWK |           | Hollow Wall Mount Kit         | 5.7 lb | \$51.50  |



WMU-12S

Order antenna mounting pipe separately



WMH-HWK

### Handrail Antenna Pipe Mounting Bracket Kits

- Kits for angle or pipe handrails
- Order 2-3/8" antenna mounting pipe (p. 154) separately
- Kits include two brackets, U-bolts and all hardware

| Part # | Mounts To                 | Weight | Price    |
|--------|---------------------------|--------|----------|
| HMB-A  | Angles 2" x 2" to 3" x 3" | 22 lb  | \$325.00 |
| HMB-P  | Pipe 1-1/2" to 3-1/2"     | 15 lb  | \$101.00 |



Order antenna mounting pipe separately

## Round Chimney Mount Kits

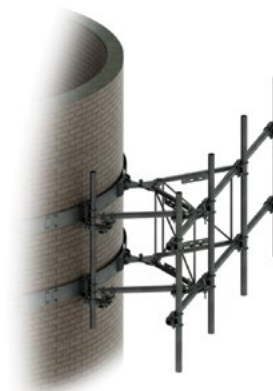
- Updated design allows direct attachment of all Site Pro 1 V-frames
- When ordering V-frames for use with round chimney mounts add "-NLB" to the part number to get the frames without the leg bracket hardware
- Other model frames can be attached using the X-B965 pipe mount
- Standard kits fit chimney diameters from 5' to 13'
- For larger chimneys use multiple kits to obtain the required diameter
- Kits include two sets of chimney straps and tensioning hardware
- Flush mount adapter kits can be used to mount antennas close to the chimney face or to add pipes for attachment of frame stiff arms
- Sector frames, antenna mounting pipes, flush mount adapter kits, etc. are ordered separately
- **Round chimney mounts and accessories are stocked at our Plymouth, IN warehouse**



| Part #  | Chimney Diameter                           | Weight | Price      |
|---------|--------------------------------------------|--------|------------|
| RCM56   | 5' to 6'                                   | 355 lb | \$3,150.00 |
| RCM67   | 6' to 7'                                   | 380 lb | \$3,525.00 |
| RCM78   | 7' to 8'                                   | 395 lb | \$4,015.00 |
| RCM89   | 8' to 9'                                   | 430 lb | \$4,215.00 |
| RCM911  | 9' to 11'                                  | 460 lb | \$4,425.00 |
| RCM1113 | 11' to 13'                                 | 610 lb | \$4,675.00 |
| RC-PM23 | Flush Mount Adapter 2-3/8" to 2-7/8" pipes | 32 lb  | \$239.00   |
| RC-PM34 | Flush Mount Adapter 3-1/2" to 4-1/2" pipes | 33 lb  | \$246.00   |
| X-B1161 | 2-3/8" x 60" Pipe Mount                    | 26 lb  | \$172.00   |
| X-B965  | 4-1/2" OD x 60" Pipe Mount                 | 60 lb  | \$295.00   |



Use the X-B1161 antenna pipe mount to flush mount a panel antenna at the center mounting plate; if mounting at other locations on the chimney mount straps use flush mount adapter kits and antenna mounting pipes (p. 202)



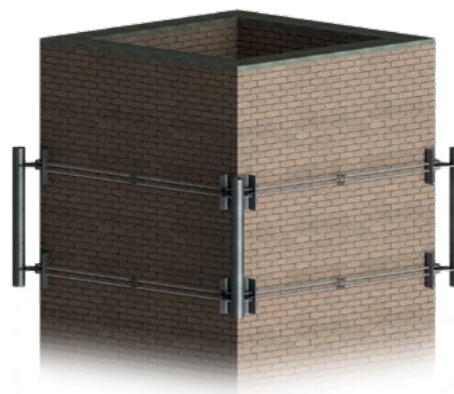
VFA12-SD-S-NLB sector frame with flush mount adapter kit and antenna mounting pipe used for stiff-arm attachment

## Square Chimney Mount Kits

- Standard kits fit chimneys with face dimensions from 3' to 20'
- Larger sizes are available
- Kits include corner brackets with 4-1/2" diameter by 48" mounting pipes and threaded rod tensioning system
- Sector frames, standoffs, mounting pipes, etc. ordered separately
- **Square chimney mounts are stocked at our Plymouth, IN warehouse**



| Part #  | Chimney Face | Weight | Price      |
|---------|--------------|--------|------------|
| SCM34   | 3' to 4'     | 470 lb | \$4,105.00 |
| SCM48   | 4' to 8'     | 545 lb | \$4,440.00 |
| SCM812  | 8' to 12'    | 620 lb | \$5,070.00 |
| SCM1216 | 12' to 16'   | 695 lb | \$5,700.00 |
| SCM1620 | 16' to 20'   | 775 lb | \$6,335.00 |



Octagon chimney mounts also available, call our customs group at 1-888-753-7446



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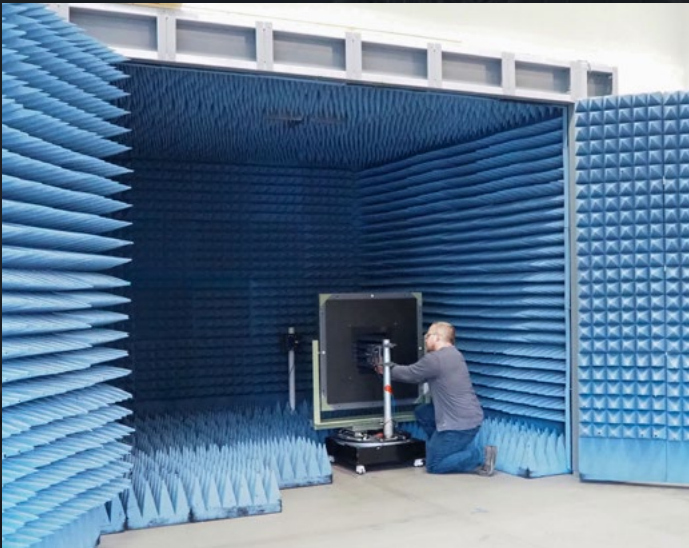
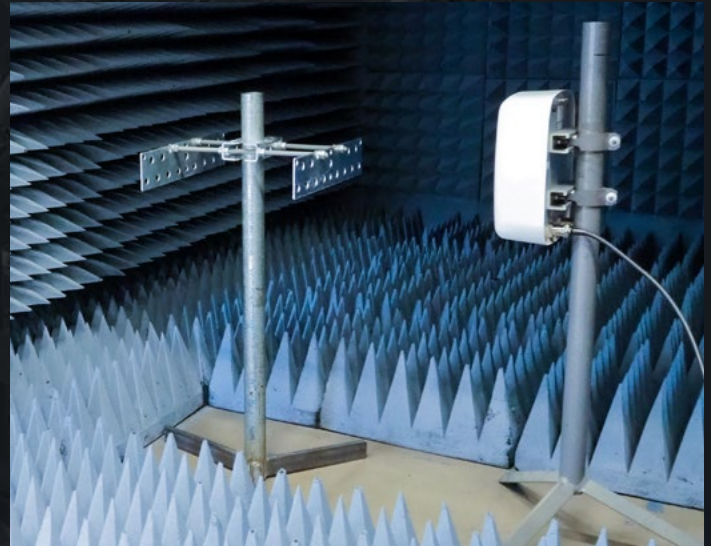
Our state-of-the-art facility at ConcealFab® is run by renowned PIM experts and is outfitted with a purpose-built anechoic chamber designed for performing radiated PIM tests, near and far field transmission loss, and antenna pattern measurements.

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Learn more at [SitePro1.com/PIM](https://SitePro1.com/PIM)





# CONCEALMENT



## Antenna Socks



Valmont antenna socks provide an excellent way to conceal antennas on mono-pine, mono-palm, mono-elm, and mono-eucalyptus towers.

- Antenna socks are available in short (4'), standard (6'), and long (8') lengths with standard (36") or wide (48") widths. Width includes front of antenna plus the depth, times two.
- Antenna socks include attachment ties for installation.
- Palm "shadow" socks are made of UV-resistant mesh.
- UV-resistant and designed to stand up to the rigors of prolonged outdoor exposure.

| Part#      | Type       | Density  | Length | Width | Pricing  |
|------------|------------|----------|--------|-------|----------|
| 72ELM-SWSF | Elm        | Standard | 6'     | 3'    | \$260.00 |
| 72ELM-SWHF | Elm        | Heavy    | 6'     | 3'    | \$380.00 |
| 72ELM-XWSF | Elm        | Standard | 6'     | 4'    | \$295.00 |
| 72ELM-XWHF | Elm        | Heavy    | 6'     | 4'    | \$445.00 |
| 96ELM-SWSF | Elm        | Standard | 8'     | 3'    | \$340.00 |
| 96ELM-SWHF | Elm        | Heavy    | 8'     | 3'    | \$495.00 |
| 96ELM-XWSF | Elm        | Standard | 8'     | 4'    | \$390.00 |
| 96ELM-XWHF | Elm        | Heavy    | 8'     | 4'    | \$580.00 |
| 72EUC-SWSF | Eucalyptus | Standard | 6'     | 3'    | \$215.00 |
| 72EUC-SWHF | Eucalyptus | Heavy    | 6'     | 3'    | \$290.00 |
| 72EUC-XWSF | Eucalyptus | Standard | 6'     | 4'    | \$260.00 |
| 72EUC-XWHF | Eucalyptus | Heavy    | 6'     | 4'    | \$580.00 |
| 96EUC-SWSF | Eucalyptus | Standard | 8'     | 3'    | \$290.00 |
| 96EUC-SWHF | Eucalyptus | Heavy    | 8'     | 3'    | \$370.00 |
| 96EUC-XWSF | Eucalyptus | Standard | 8'     | 4'    | \$305.00 |
| 96EUC-XWHF | Eucalyptus | Heavy    | 8'     | 4'    | \$440.00 |
| 72PIN-SWSF | Pine       | Standard | 6'     | 3'    | \$245.00 |
| 72PIN-SWHF | Pine       | Heavy    | 6'     | 3'    | \$350.00 |
| 72PIN-XWSF | Pine       | Standard | 6'     | 4'    | \$275.00 |
| 72PIN-XWHF | Pine       | Heavy    | 6'     | 4'    | \$405.00 |
| 96PIN-SWSF | Pine       | Standard | 8'     | 3'    | \$325.00 |
| 96PIN-SWHF | Pine       | Heavy    | 8'     | 3'    | \$460.00 |
| 96PIN-XWSF | Pine       | Standard | 8'     | 4'    | \$385.00 |
| 96PIN-XWHF | Pine       | Heavy    | 8'     | 4'    | \$535.00 |
| 72DP-SW    | Palm       | Shadow   | 6'     | -     | \$160.00 |
| 96DP-SW    | Palm       | Shadow   | 8'     | -     | \$180.00 |



LCAS-72DP-SW



LCAS-72ELM-XWHF



## RRU Socks



Valmont RRU socks provide aesthetic coverage of radios. The unique design allows the sock material to be spaced away from the RRU to prevent overheating and allow airflow.

- Includes sock mounting frame, attachment ties, and antenna pipe clamps
- Palm "shadow" socks are made of UV-resistant mesh
- UV-resistant and designed to withstand rigors of outdoor exposure

| Part#    | Type       | Density  | Length | Price      |
|----------|------------|----------|--------|------------|
| 72PIN-SF | Pine       | Standard | 6'     | \$945.00   |
| 72PIN-XF | Pine       | Heavy    | 6'     | \$1,035.00 |
| 72EUC-SF | Eucalyptus | Standard | 6'     | \$920.00   |
| 72EUC-XF | Eucalyptus | Heavy    | 6'     | \$980.00   |
| 72ELM-SF | Elm        | Standard | 6'     | \$960.00   |
| 72ELM-XF | Elm        | Heavy    | 6'     | \$1,060.00 |

LCRS-72PIN-SF



LCRS-72EUC-SF



## Mono-Palm Fronds

These fronds are available in multiple sizes and configurations including no tether, single tether, and double tether options.

- Standard sizes include 7 ft, 9 ft, and 10 ft
- 20 mm (0.787") shaft
- Includes attachment hardware

| Part#      | Description                  | Price    |
|------------|------------------------------|----------|
| LCDF-REG07 | Standard 7' Date Palm Frond  | \$215.00 |
| LCDF-REG09 | Standard 9' Date Palm Frond  | \$260.00 |
| LCDF-REG10 | Standard 10' Date Palm Frond | \$280.00 |



10 ft Date Palm Frond

No tether Frond



Single tether Frond



Double tether Frond



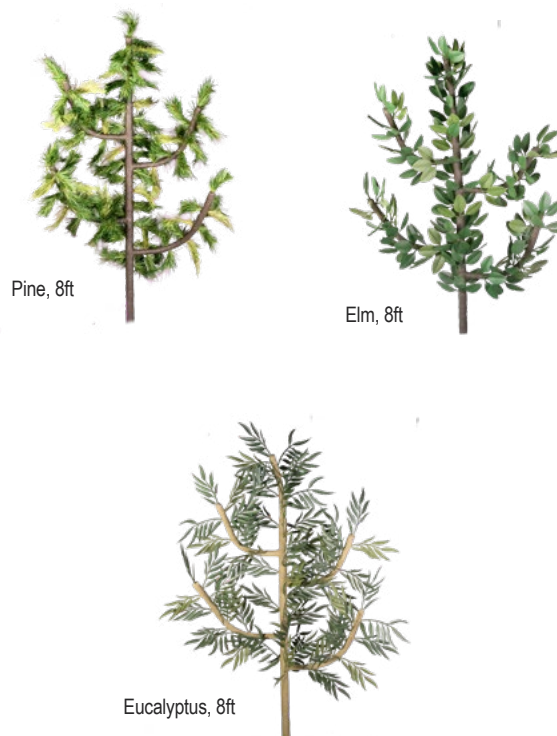
For a complete list of concealment parts, visit [SitePro1.com/Concealment](http://SitePro1.com/Concealment)

## Mono-Tree Branches

Standard branches are used to replace missing, damaged, or defoliated branches, while antenna branches are used to conceal antennas.

- Standard branch styles: Elm, Eucalyptus, Palm, and Pine versions.
- Standard sizes include 4 ft, 6 ft, 8 ft, and 10 ft
- Tethering option is available

| Part#    | Description                         | Price    |
|----------|-------------------------------------|----------|
| G396PIN  | Standard 8' Mono-Pine Branch        | \$425.00 |
| G3120PIN | Standard 10' Mono-Pine Branch       | \$535.00 |
| G396EUC  | Standard 8' Mono-Eucalyptus Branch  | \$485.00 |
| G3120EUC | Standard 10' Mono-Eucalyptus Branch | \$605.00 |
| G396ELM  | Standard 8' Mono-Elm Branch         | \$485.00 |
| G3120ELM | Standard 10' Mono-Elm Branch        | \$605.00 |
| LNGPIN   | Long Antenna Branch, Pine           | \$190.00 |
| LNGEUC   | Long Antenna Branch, Eucalyptus     | \$240.00 |
| LNGELM   | Long Antenna Branch, Elm            | \$245.00 |

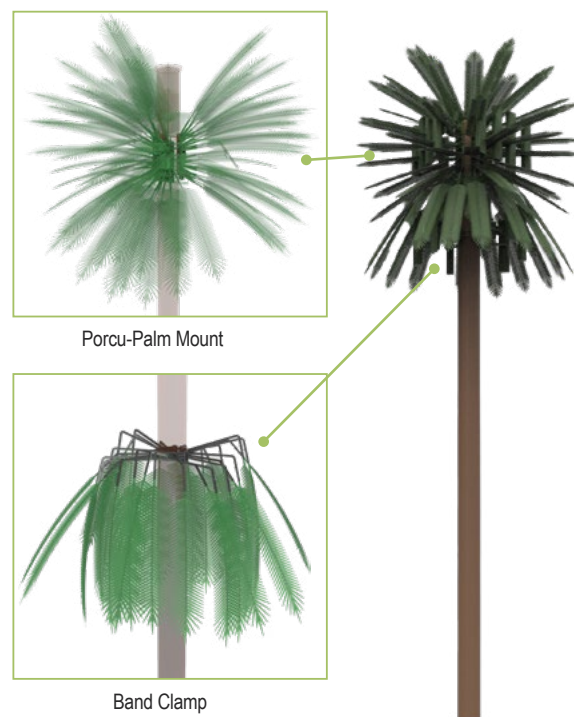


## Mono-Palm Modification Accessories

We offer accessories that enable monopole conversion to Mono-Palm, and the addition of multiple carriers.

- Porcu-Palm Mount (PPM) is used to convert Monopole to Mono-Palm or add more fronds to existing Mono-Palm. Available in 30", 36", and 60" collar height
- Band Clamp is used to add additional carriers to existing Mono-Palm structures with four diameters available: 14"-17", 17"-21", 21"-24", and 24"-28"

| Part#     | Description                                          | Price       |
|-----------|------------------------------------------------------|-------------|
| PPM60-99  | Porcu-Palm Mount, 36" height                         | \$5,960.00  |
| DPBC-1721 | Date Palm Band Clamp Kit with Fronds, 17" – 21" Pole | \$13,764.00 |
| DPBC-2124 | Date Palm Band Clamp Kit with Fronds, 21" – 24" Pole | \$13,764.00 |



For a complete list of concealment parts, visit [SitePro1.com/Concealment](http://SitePro1.com/Concealment)



# ICE BRIDGES & EQUIPMENT RACKS



## 24" Grip-Strut Ice Bridge Kits With Triple-Tee Trapeze

- Available in heavy-duty 12 gauge or lightweight 14 gauge grip strut
- Versatile triple-tee trapeze with all hardware included
- 24 runs
- Easy installation
- Three trapeze kits per bridge
- Complete kits



| Part #         | Size                | Poles                      | Trapeze    | # of Runs | Weight | Price      |
|----------------|---------------------|----------------------------|------------|-----------|--------|------------|
| IB24D-T3       | 24" x 10', 12 Gauge | 3-1/2" x 13'-4" Burial     | Triple Tee | 24        | 390 lb | \$1,970.00 |
| IB24D-216T3    | 24" x 10', 12 Gauge | 3-1/2" x 18' Burial        | Triple Tee | 24        | 460 lb | \$2,290.00 |
| IB24B-T3       | 24" x 10', 12 Gauge | 3-1/2" x 10'-6" Base Shoe  | Triple Tee | 24        | 370 lb | \$2,180.00 |
| IB24D-T3-LW    | 24" x 10', 14 Gauge | 3-1/2" x 13'-4", Burial    | Triple Tee | 24        | 360 lb | \$1,730.00 |
| IB24D-216T3-LW | 24" x 10', 14 Gauge | 3-1/2" x 18', Burial       | Triple Tee | 24        | 430 lb | \$2,050.00 |
| IB24B-T3-LW    | 24" x 10', 14 Gauge | 3-1/2" x 10'-6", Base Shoe | Triple Tee | 24        | 340 lb | \$1,905.00 |

## 24" Grip-Strut Ice Bridge Kits With Vertical T-Bracket Trapeze

- Vertical T-bracket trapeze for easy installation
- Accept 18 snap-ins and can be installed side by side for 36 runs
- Three trapeze kits per bridge
- Complete kits



| Part #     | Size      | Poles                     | Trapeze     | # of Runs | Weight | Price      |
|------------|-----------|---------------------------|-------------|-----------|--------|------------|
| IB24D-V    | 24" x 10' | 3-1/2" x 13'-4" Burial    | VT-Brackets | 18        | 365 lb | \$1,840.00 |
| IB24D-216V | 24" x 10' | 3-1/2" x 18' Burial       | VT-Brackets | 18        | 435 lb | \$2,160.00 |
| IB24B-V    | 24" x 10' | 3-1/2" x 10'-6" Base Shoe | VT-Brackets | 18        | 345 lb | \$2,050.00 |

## 24" Grip-Strut Ice Bridge Kits With Z-Bracket Trapeze

- Versatile Z-bracket trapeze with all hardware included
- Three trapeze kits per bridge
- Number of runs calculated by using both sides of the Z-bracket
- Complete kits



IB24D-Z2

| Part #      | Size      | Poles                     | Trapeze             | # of Runs | Weight | Price      |
|-------------|-----------|---------------------------|---------------------|-----------|--------|------------|
| IB24D-Z     | 24" x 10' | 3-1/2" x 13'-4" Burial    | Z-Brackets, 1 Level | 14        | 370 lb | \$1,890.00 |
| IB24D-216Z  | 24" x 10' | 3-1/2" x 18' Burial       | Z-Brackets, 1 Level | 14        | 440 lb | \$2,210.00 |
| IB24B-Z     | 24" x 10' | 3-1/2" x 10'-6" Base Shoe | Z-Brackets, 1 Level | 14        | 345 lb | \$2,100.00 |
| IB24D-Z2    | 24" x 10' | 3-1/2" x 13'-4" Burial    | Z-Brackets, 2 Level | 28        | 390 lb | \$2,025.00 |
| IB24D-216Z2 | 24" x 10' | 3-1/2" x 18' Burial       | Z-Brackets, 2 Level | 28        | 460 lb | \$2,345.00 |
| IB24B-Z2    | 24" x 10' | 3-1/2" x 10'-6" Base Shoe | Z-Brackets, 2 Level | 28        | 370 lb | \$2,235.00 |
| IB24D-Z3    | 24" x 10' | 3-1/2" x 13'-4" Burial    | Z-Brackets, 3 Level | 42        | 410 lb | \$2,055.00 |
| IB24D-216Z3 | 24" x 10' | 3-1/2" x 18' Burial       | Z-Brackets, 3 Level | 42        | 480 lb | \$2,375.00 |
| IB24B-Z3    | 24" x 10' | 3-1/2" x 10'-6" Base Shoe | Z-Brackets, 3 Level | 42        | 390 lb | \$2,265.00 |

## 24" Grip-Strut Ice Bridge Kits With Angle-Bracket Trapeze

- Versatile angle-bracket trapeze with all hardware included
- Three trapeze kits per bridge
- Complete kits



IB24D-A3

| Part #      | Size      | Poles                     | Trapeze                 | # of Runs | Weight | Price      |
|-------------|-----------|---------------------------|-------------------------|-----------|--------|------------|
| IB24D-A     | 24" x 10' | 3-1/2" x 13'-4" Burial    | Angle-Brackets, 1 Level | 6         | 360 lb | \$2,135.00 |
| IB24D-216A  | 24" x 10' | 3-1/2" x 18' Burial       | Angle-Brackets, 1 Level | 6         | 430 lb | \$2,455.00 |
| IB24B-A     | 24" x 10' | 3-1/2" x 10'-6" Base Shoe | Angle-Brackets, 1 Level | 6         | 340 lb | \$2,345.00 |
| IB24D-A2    | 24" x 10' | 3-1/2" x 13'-4" Burial    | Angle-Brackets, 2 Level | 12        | 370 lb | \$2,195.00 |
| IB24D-216A2 | 24" x 10' | 3-1/2" x 18' Burial       | Angle-Brackets, 2 Level | 12        | 440 lb | \$2,515.00 |
| IB24B-A2    | 24" x 10' | 3-1/2" x 10'-6" Base Shoe | Angle-Brackets, 2 Level | 12        | 350 lb | \$2,305.00 |
| IB24D-A3    | 24" x 10' | 3-1/2" x 13'-4" Burial    | Angle-Brackets, 3 Level | 18        | 380 lb | \$2,225.00 |
| IB24D-216A3 | 24" x 10' | 3-1/2" x 18' Burial       | Angle-Brackets, 3 Level | 18        | 450 lb | \$2,545.00 |
| IB24B-A3    | 24" x 10' | 3-1/2" x 10'-6" Base Shoe | Angle-Brackets, 3 Level | 18        | 360 lb | \$2,435.00 |

## 12" Grip-Strut Ice Bridge Kits With Triple-Tee Trapeze

- Versatile triple-tee trapeze with all hardware included
- 12 runs
- Easy installation
- Three trapeze kits per bridge
- Complete kits



| Part #      | Size      | Poles                     | Trapeze             | # of Runs | Weight | Price      |
|-------------|-----------|---------------------------|---------------------|-----------|--------|------------|
| IB12D-T3    | 12" x 10' | 3-1/2" x 13'-4" Burial    | T-Bracket, 3 Level  | 12        | 315 lb | \$1,675.00 |
| IB12D-216T3 | 12" x 10' | 3-1/2" x 18' Burial       | T-Brackets, 3 Level | 12        | 385 lb | \$1,995.00 |
| IB12B-T3    | 12" x 10' | 3-1/2" x 10'-6" Base Shoe | T-Brackets, 3 Level | 12        | 295 lb | \$1,885.00 |

## 12" Grip-Strut Ice Bridge Kits With Z-Bracket Trapeze

- Versatile Z-bracket trapeze with all hardware included
- Three trapeze kits per bridge
- Number of runs calculated by using both sides of the Z-bracket
- Complete kits



| Part #        | Size      | Poles                     | Trapeze             | # of Runs | Weight | Price      |
|---------------|-----------|---------------------------|---------------------|-----------|--------|------------|
| IB1210D-Z     | 12" X 10' | 3-1/2" X 13'-4", Burial   | Z-Brackets, 1 Level | 7         | 305 lb | \$1,550.00 |
| IB1210D-216Z  | 12" X 10' | 3-1/2" X 18', Burial      | Z-Brackets, 1 Level | 7         | 375 lb | \$1,870.00 |
| IB1210B-Z     | 12" X 10' | 3-1/2" X 10', Base Shoe   | Z-Brackets, 1 Level | 7         | 285 lb | \$1,760.00 |
| IB1210D-Z2    | 12" X 10' | 3-1/2" X 13'-4", Burial   | Z-Brackets, 2 Level | 14        | 315 lb | \$1,640.00 |
| IB1210D-216Z2 | 12" X 10' | 3-1/2" X 18', Burial      | Z-Brackets, 2 Level | 14        | 385 lb | \$1,960.00 |
| IB1210B-Z2    | 12" X 10' | 3-1/2" X 10', Base Shoe   | Z-Brackets, 2 Level | 14        | 295 lb | \$1,850.00 |
| IB12D-Z       | 12" x 12' | 3-1/2" x 13'-4" Burial    | Z-Brackets, 1 Level | 7         | 315 lb | \$1,675.00 |
| IB12D-216Z    | 12" x 12' | 3-1/2" x 18' Burial       | Z-Brackets, 1 Level | 7         | 385 lb | \$1,995.00 |
| IB12B-Z       | 12" x 12' | 3-1/2" x 10'-6" Base Shoe | Z-Brackets, 1 Level | 7         | 295 lb | \$1,885.00 |
| IB12D-Z2      | 12" x 12' | 3-1/2" x 13'-4" Burial    | Z-Brackets, 2 Level | 14        | 325 lb | \$1,710.00 |
| IB12D-216Z2   | 12" x 12' | 3-1/2" x 18' Burial       | Z-Brackets, 2 Level | 14        | 395 lb | \$2,030.00 |
| IB12B-Z2      | 12" x 12' | 3-1/2" x 10'-6" Base Shoe | Z-Brackets, 2 Level | 14        | 305 lb | \$1,920.00 |

## 12" Grip-Strut Ice Bridge Kits With Vertical T-Bracket Trapeze

- Vertical T-bracket trapeze; for easy installation
- Accept 18 snap-ins and can be installed side by side for 36 runs
- Three trapeze kits per bridge
- Complete kits



| Part #       | Size      | Poles                     | Trapeze     | # of Runs | Weight | Price      |
|--------------|-----------|---------------------------|-------------|-----------|--------|------------|
| IB1210D-V    | 12" X 10' | 3-1/2" X 13'-4", Burial   | VT-Brackets | 18        | 310 lb | \$1,580.00 |
| IB1210D-216V | 12" X 10' | 3-1/2" X 18', Burial      | VT-Brackets | 18        | 380 lb | \$1,855.00 |
| IB1210B-V    | 12" X 10' | 3-1/2" X 10', Base Shoe   | VT-Brackets | 18        | 290 lb | \$1,790.00 |
| IB12D-V      | 12" x 12' | 3-1/2" x 13'-4" Burial    | VT-Brackets | 18        | 320 lb | \$1,640.00 |
| IB12D-216V   | 12" x 12' | 3-1/2" x 18' Burial       | VT-Brackets | 18        | 390 lb | \$1,960.00 |
| IB12B-V      | 12" x 12' | 3-1/2" x 10'-6" Base Shoe | VT-Brackets | 18        | 300 lb | \$1,850.00 |

## 7" Grip-Strut Ice Bridge Kits With Cushion Hangers

- 7" x 10' ice bridge kits, perfect for today's sites utilizing fiber
- Four cushion hangers for 7/8" cable (single 1.09" holes) are suspended from 12" stainless 3/8" rods; see our cushion hangers selection on p. 196-197 for other options
- Consider cable blocks as trapeze kits as well (p. 186)
- Kits include pipes, cantilevers, post caps, U-bolts, and all hardware



| Part # | Size     | Poles                  | Trapeze        | Weight | Price      |
|--------|----------|------------------------|----------------|--------|------------|
| IB7D-C | 7" x 10' | 3-1/2" x 13'-4" Burial | Cushion Hanger | 265 lb | \$1,335.00 |
| IB7D   | 7" x 10' | 3-1/2" x 13'-4" Burial | No Trapeze     | 260 lb | \$1,245.00 |



## Grip Strut Ice Bridge Kits with No Trapeze

- Two-post and four-post iced bridge kits
- Purchase trapeze kits separately (p. 108-109)



### TWO POLES

| Part #       | Size                   | Poles                                    | Trapeze | Weight | Price      |
|--------------|------------------------|------------------------------------------|---------|--------|------------|
| IB12D        | 12" x 12',<br>12 Gauge | (2) 3-1/2" x 13'-4"<br>Burial            | None    | 300 lb | \$1,640.00 |
| IB12D-216    | 12" x 12',<br>12 Gauge | (2) 3-1/2" x 18'<br>Burial               | None    | 370 lb | \$1,960.00 |
| IB12D-252    | 12" x 12',<br>12 Gauge | (2) 3-1/2" x 21'<br>Burial               | None    | 410 lb | \$2,160.00 |
| IB12B        | 12" x 12',<br>12 Gauge | (2) 3-1/2" x 10'-6"<br>Base Shoe         | None    | 280 lb | \$1,850.00 |
| IB24D        | 24" x 10',<br>12 Gauge | (2) 3-1/2" x 13'-4"<br>Burial            | None    | 345 lb | \$1,740.00 |
| IB24D-216    | 24" x 10',<br>12 Gauge | (2) 3-1/2" x 18'<br>Burial               | None    | 415 lb | \$2,060.00 |
| IB24D-252    | 24" x 10',<br>12 Gauge | (2) 3-1/2" x 21'<br>Burial               | None    | 455 lb | \$2,260.00 |
| IB24B        | 24" x 10',<br>12 Gauge | (2) 3-1/2" x 10'-6"<br>Base Shoe         | None    | 325 lb | \$1,950.00 |
| IB2412D      | 24" x 12',<br>12 Gauge | (2) 3-1/2" OD x 13'-<br>4" Direct Burial | None    | 375 lb | \$1,945.00 |
| IB2412B      | 24" x 12',<br>12 Gauge | (2) 3-1/2" x 10'-6"<br>Base Shoe         | None    | 355 lb | \$2,155.00 |
| IB24D-LW     | 24" x 10',<br>14 Gauge | (2) 3-1/2" x 13'-4",<br>Burial           | None    | 314 lb | \$1,550.00 |
| IB24D-216-LW | 24" x 10',<br>14 Gauge | (2) 3-1/2" x 18',<br>Burial              | None    | 384 lb | \$1,870.00 |
| IB24D-252-LW | 24" x 10',<br>14 Gauge | (2) 3-1/2" x 21'<br>Burial               | None    | 425 lb | \$2,070.00 |
| IB24B-LW     | 24" x 10',<br>14 Gauge | (2) 3-1/2" x 10'-6",<br>Base Shoe        | None    | 294 lb | \$1,760.00 |
| IB2412D-LW   | 24" x 12',<br>14 Gauge | (2) 3-1/2" x 13'-4",<br>Burial           | None    | 327 lb | \$1,615.00 |
| IB2412B-LW   | 24" x 12',<br>14 Gauge | (2) 3-1/2" x 10'-6",<br>Base Shoe        | None    | 307 lb | \$1,825.00 |

### FOUR POLES

| Part #    | Size      | Poles                            | Trapeze | Weight | Price      |
|-----------|-----------|----------------------------------|---------|--------|------------|
| 4B24D     | 24" x 10' | (4) 3-1/2" x 13'-4" Burial       | None    | 550 lb | \$2,525.00 |
| 4B24D-216 | 24" x 10' | (4) 3-1/2" x 18' Burial          | None    | 690 lb | \$3,165.00 |
| 4B24D-252 | 24" x 10' | (4) 3-1/2" x 21' Burial          | None    | 850 lb | \$3,565.00 |
| 4B24B     | 24" x 10' | (4) 3-1/2" x 10'-6"<br>Base Shoe | None    | 510 lb | \$2,935.00 |



IB24D



4B24D

## ICE BRIDGE COMPONENTS

### Pipe Columns

- 3-1/2" OD pipes, hot-dip galvanized
- Base shoe pipes include anchors and hardware
- 8" x 8" base with 11/16" holes on 5-1/2" centers
- Purchase post caps separately (p. 164)



| Part # | Type          | Size            | Weight | Price    |
|--------|---------------|-----------------|--------|----------|
| P3160  | Direct Burial | 3-1/2" x 13'-4" | 102 lb | \$475.00 |
| P3174  | Direct Burial | 3-1/2" x 14'-6" | 111 lb | \$516.00 |
| P3216  | Direct Burial | 3-1/2" x 18'    | 138 lb | \$642.00 |
| P3252  | Direct Burial | 3-1/2" x 21'    | 161 lb | \$748.00 |
| SP126  | Base Shoe     | 3-1/2" x 10'-6" | 95 lb  | \$590.00 |



### Bolt-On Base Shoe

- For use with 3-1/2" pipes
- 12" height x 6" width for stability
- Kit includes U-bolts
- Purchase wedge anchors separately (p. 161)
- Hot-dip galvanized

| Part # | Description                                  | Weight  | Price    |
|--------|----------------------------------------------|---------|----------|
| BSA300 | Bolt-On Base Shoe                            | 12.5 lb | \$123.60 |
| SWA585 | 5/8" x 5" SS Wedge Anchors (3 req'd)         | 2.3 lb  | \$13.40  |
| GWA585 | 5/8" x 5" Galvanized Wedge Anchors (3 req'd) | 2.3 lb  | \$10.75  |



### Base Shoe Feet

- Convert any 2-7/8" or 3-1/2" OD pipe into a base shoe post
- 8" x 8" x 1/2" base plate with 6" hole spacing
- 11/16" holes for 5/8" anchors (sold separately, p. 161)
- Hot-dip galvanized

| Part # | Description                       | Weight  | Price   |
|--------|-----------------------------------|---------|---------|
| BSF30  | Base Shoe Foot for 2-7/8" OD Pipe | 13.0 lb | \$79.95 |
| BSF35  | Base Shoe Foot for 3-1/2" OD Pipe | 15.0 lb | \$82.50 |



BSF30



BSF35

### Base Shoe Platform Mounting Hardware

- Use to attached base shoe feet to platform grating
- Include threaded rod, backing plates, nuts, and washers
- Hot-dip galvanized

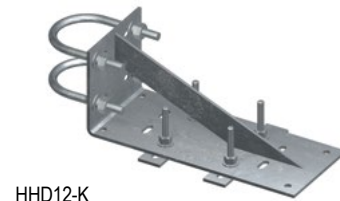
| Part #   | Clamp Style | Hardware | Weight  | Price   |
|----------|-------------|----------|---------|---------|
| BSMH-DCF | Flat        | 5/8"     | 10.0 lb | \$49.00 |



## Universal Cantilevers

- Universal hole pattern allows use on any type of channel
- For use with 3-1/2" OD pipe columns
- Kits include all hardware, U-bolts, and backing plates

| Part #  | Channel Width | Description             | Weight  | Price    |
|---------|---------------|-------------------------|---------|----------|
| HHD12-K | 12"           | Complete Cantilever Kit | 11.3 lb | \$90.90  |
| HHD24-K | 24"           | Complete Cantilever Kit | 17.0 lb | \$114.85 |



HHD12-K



HHD24-K

## Four-Post Bridge Support Bracket

- Universal hole pattern allows use on any type of channel
- For use with 3-1/2" pipe columns
- Kits include all hardware, U-bolts, and backing plates

| Part # | Channel Width | Description          | Weight  | Price    |
|--------|---------------|----------------------|---------|----------|
| FP24   | 24"           | Complete Support Kit | 14.2 lb | \$131.60 |



## Angle Splice For Bridges

- Sold in kits of 2
- Kits include all hardware (3/8")
- Hot-dip galvanized
- 2" x 2" x 33" angle

| Part # | Description             | Weight | Price    |
|--------|-------------------------|--------|----------|
| WGB-SA | Angle Splice (Kit of 2) | 14 lb  | \$101.00 |



## Straight Splice For Bridges

- Sold in kits of 2
- Kits include all hardware (3/8")
- Hot-dip galvanized
- 1/4" x 2" x 12" flat bar

| Part # | Description                | Weight | Price   |
|--------|----------------------------|--------|---------|
| WGB-SP | Straight Splice (Kit of 2) | 1.5 lb | \$52.05 |



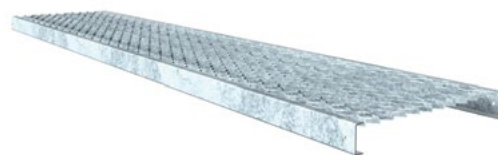
## ICE BRIDGE COMPONENTS

### Grip-Strut Bridge Channels

- Serrated diamond pattern allows flexibility in attaching hardware
- Available in heavy-duty 12 gauge and light duty 14 gauge steel
- Pre-galvanized



| Part #   | Size          | Gauge | Depth | Weight | Price    |
|----------|---------------|-------|-------|--------|----------|
| GRS7     | 7" x 10'      | 14    | 2"    | 28 lb  | \$278.00 |
| GRS12-10 | 11-3/4" x 10' | 12    | 2"    | 60 lb  | \$425.00 |
| GRS12    | 11-3/4" x 12' | 12    | 2"    | 72 lb  | \$495.00 |
| GRS24    | 24" x 10'     | 12    | 3"    | 104 lb | \$745.00 |
| GRS24-12 | 24" x 12'     | 12    | 3"    | 136 lb | \$912.00 |
| LDGS10   | 24" x 10'     | 14    | 2"    | 73 lb  | \$502.00 |
| LDGS12   | 24" x 12'     | 14    | 2"    | 88 lb  | \$602.00 |



### Universal Vertical Trapeze Kits

- These universal brackets can be used under solid or expanded metal channels
- Easy to install; mounts with included 3/8" hardware
- Available in 12-run or 18-run versions
- Note: Even if you are only running 12 cables, the added length of the VT18 can be advantageous when hanging your cables
- Can be placed side by side under 24" ice bridge kits

| Part # | # of Runs | Length  | Weight | Price   |
|--------|-----------|---------|--------|---------|
| VT12   | 12        | 17-1/2" | 3.5 lb | \$54.50 |
| VT18   | 18        | 25-1/2" | 1.8 lb | \$66.10 |



VT12

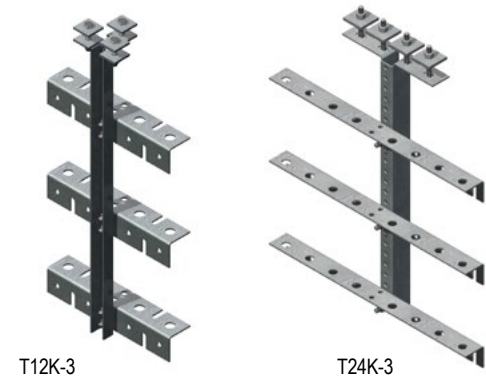


VT18

## Triple-Tee Trapeze Kits

- Easily installed and allows for adjustment of the angle brackets
- Allows for neat installation by aligning cables with entry panel
- Heavy-duty version resists wobble
- Hot-dip galvanized

| Part # | # of Runs | Size          | Weight | Price    |
|--------|-----------|---------------|--------|----------|
| T12K-3 | 12        | 12" x 24-1/2" | 8.0 lb | \$81.40  |
| T24K-3 | 24        | 22" x 24-1/2" | 18 lb  | \$117.50 |

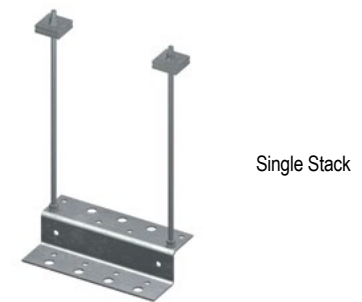


T12K-3

T24K-3

## Universal Z-Bracket Trapeze Kits

- These Z-bracket trapeze kits can be used under all types of channels
- Kits come complete with stainless steel hardware and threaded rods
- Number of runs is calculated by using both sides of the Z-bracket

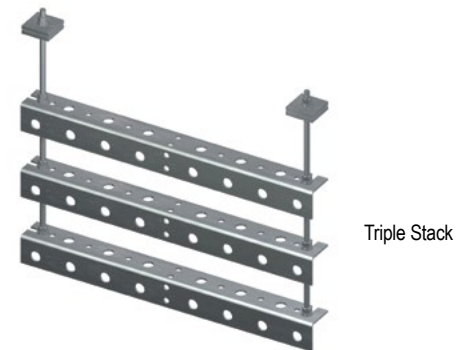


Single Stack

| Part # | Description           | Width | Threaded Rod | # of Runs | Weight  | Price    |
|--------|-----------------------|-------|--------------|-----------|---------|----------|
| Z12K   | Single Stack, 1 Level | 12"   | 3/8" x 18"   | 7         | 5.1 lb  | \$58.30  |
| Z12K-D | Double Stack, 2 Level | 12"   | 3/8" x 30"   | 14        | 8.5 lb  | \$94.95  |
| Z12K-3 | Triple Stack, 3 Level | 12"   | 3/8" x 36"   | 21        | 11.7 lb | \$116.15 |
| Z24K   | Single Stack, 1 Level | 21"   | 3/8" x 18"   | 14        | 7.3 lb  | \$78.80  |
| Z24K-D | Double Stack, 2 Level | 21"   | 3/8" x 30"   | 28        | 13.2 lb | \$140.10 |
| Z24K-3 | Triple Stack, 3 Level | 21"   | 3/8" x 36"   | 42        | 19.0 lb | \$157.60 |

## Angle-Bracket Trapeze Kits

- These angle-bracket trapeze kits can be used under all types of channels
- Kits come complete with stainless steel hardware and threaded rods
- Brackets are slotted for easy installation



Triple Stack

| Part # | Description           | Width | Threaded Rod | # of Runs | Weight  | Price    |
|--------|-----------------------|-------|--------------|-----------|---------|----------|
| A24K   | Single Stack, 1 Level | 24"   | 3/8" x 18"   | 6         | 5.3 lb  | \$58.30  |
| A24K-D | Double Stack, 2 Level | 24"   | 3/8" x 30"   | 12        | 9.3 lb  | \$85.40  |
| A24K-3 | Triple Stack, 3 Level | 24"   | 3/8" x 36"   | 18        | 12.7 lb | \$112.80 |



# SOLID ICE BRIDGE KITS & COMPONENTS

## 501 Solid Bridge Kits

- Solid ice bridge kits
- Kits include one SP501 solid bridge channel, two pipe columns, two SP509 universal pipe heads, and three VT12 universal vertical trapeze kits
- Galvanized



| Part # | Size      | Poles                            | # of Runs | Weight | Price      |
|--------|-----------|----------------------------------|-----------|--------|------------|
| SP501D | 12" x 10' | 3-1/2" x 13'-4"<br>Direct Burial | 12        | 365 lb | \$1,820.00 |
| SP501B | 12" x 10' | 3-1/2" x 10'-6"<br>Base Shoes    | 12        | 360 lb | \$1,995.00 |



## Straight & Hinged Splice

- Used to splice SP501 solid bridge channels together
- Can be used to create vertical angles up to 25°
- Hardware included; hot-dip galvanized

| Part # | Description     | Weight | Price   |
|--------|-----------------|--------|---------|
| SP503  | Straight Splice | 4.5 lb | \$30.15 |



## Adjustable Splice

- Used to make 0-45° horizontal turns
- Can be used for left or right turns
- Hardware included; hot-dip galvanized

| Part # | Description       | Weight | Price   |
|--------|-------------------|--------|---------|
| SP504  | Adjustable Splice | 5.5 lb | \$96.60 |



## Corner Filler

- Protect cables during 90° bends
- Can use alongside channel to provide protection for entry panels
- Hot-dip galvanized

| Part # | Description   | Weight | Price    |
|--------|---------------|--------|----------|
| SP505  | Corner Filler | 15 lb  | \$248.50 |



## 501 Solid Bridge Channel

- Galvanized 11 gauge steel
- 12" x 10'
- Vertical trapeze brackets found on p. 108



| Part # | Size      | Weight | Price    |
|--------|-----------|--------|----------|
| SP501  | 12" x 10' | 89 lb  | \$473.00 |



## Universal Pipe Head

- Used to support 12" wide solid or expanded metal channels
- 4" OD x 29-3/4" long sleeve slips over 3-1/2" pipe columns and allows up to 22" of adjustment
- Mount with 1/2" hardware or included hook bolts
- Hot-dip galvanized

| Part # | Description | Weight | Price    |
|--------|-------------|--------|----------|
| SP509  | Pipe Head   | 28 lb  | \$215.50 |



## Pipe Head Sleeve

- 4" OD x 29-3/4" long sleeve slips over 3-1/2" pipe columns and allows up to 22" of adjustment
- Mount with 1/2" hardware
- Hot-dip galvanized

| Part # | Description      | Weight | Price    |
|--------|------------------|--------|----------|
| SP508  | Pipe Head Sleeve | 21 lb  | \$152.50 |



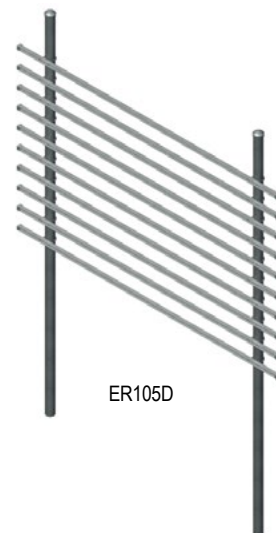
## EQUIPMENT RACKS

### Equipment Racks

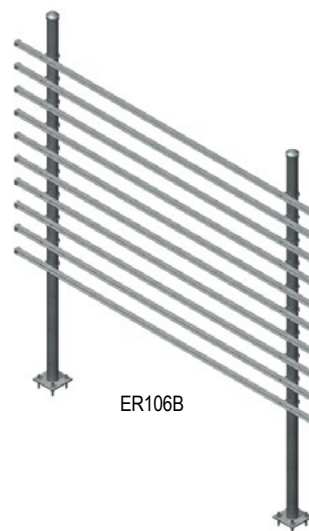
- Complete kits for all your equipment mounting needs
- Heavy-duty construction
- Include ten 10' x 12 gauge galvanized unistrut rails
- Designed to space unistrut at 8" typical spacing but spacing is freely adjustable
- Available with direct burial or base shoe pipe columns
- Call for custom mounting solutions or kits



| Part # | Pipes                               | Weight | Price      |
|--------|-------------------------------------|--------|------------|
| ER105D | 3-1/2" x 13' 4" Direct Burial Pipes | 420 lb | \$1,695.00 |
| ER106B | 3-1/2" x 10' Base Shoe Pipes        | 400 lb | \$1,785.00 |



ER105D



ER106B

### H-Frame Equipment Rack

NEW

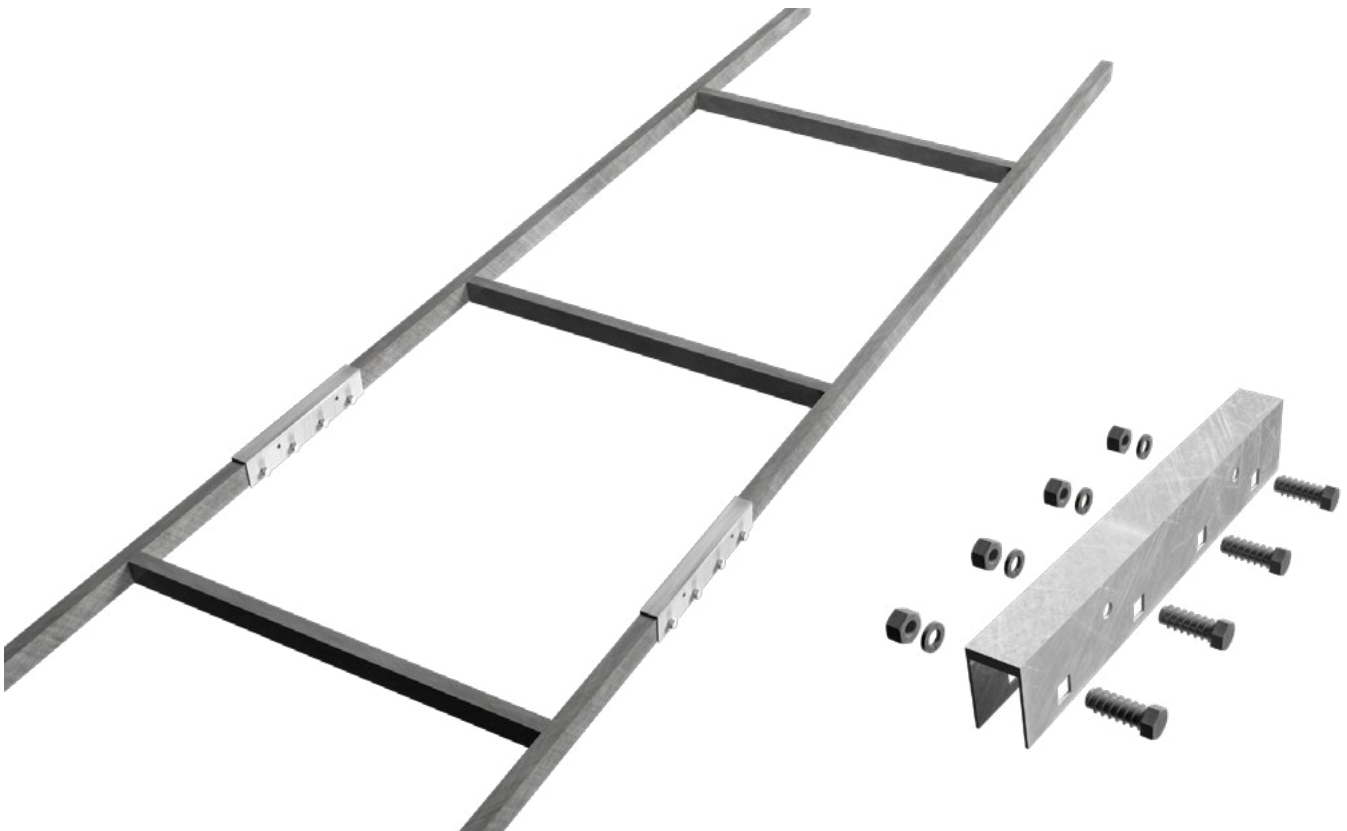
- 2-7/8" x 6' pipe risers
- Five levels of 1-5/8" x 5' square strut
- Galvanized



| Part # | Description            | Weight | Price    |
|--------|------------------------|--------|----------|
| HF-556 | H-Frame Equipment Rack | 117 lb | \$995.00 |



# CABLE RUNWAY



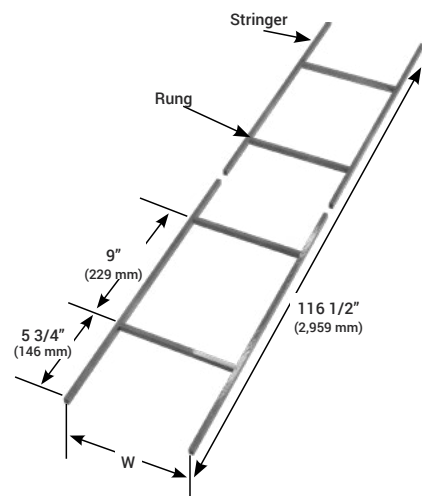
## CABLE RUNWAY

### Cable Runway

- 3/8" x 1-1/2" tubular steel stringers
- 1/2" x 1" welded steel rungs
- Available in yellow zinc or telco gray finish



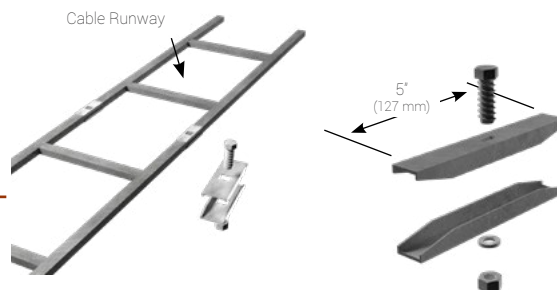
| Part #  | Size            | Finish      | Price    |
|---------|-----------------|-------------|----------|
| CR-12-Y | 12" x 9'-8-1/2" | Yellow Zinc | \$238.00 |
| CR-12-G | 12" x 9'-8-1/2" | Telco Gray  | \$238.00 |
| CR-18-Y | 18" x 9'-8-1/2" | Yellow Zinc | \$269.00 |
| CR-18-G | 18" x 9'-8-1/2" | Telco Gray  | \$269.00 |



### Splice Extension Kit

- Use to connect runway stringers
- Includes 2 clamps and hardware
- Yellow zinc finish

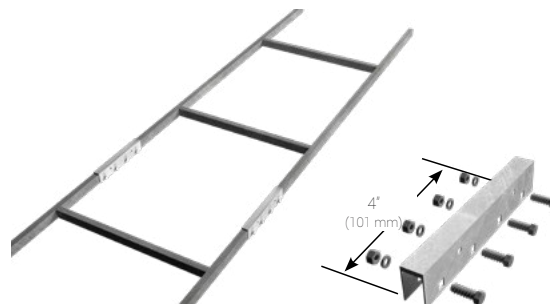
| Part # | Description          | Price   |
|--------|----------------------|---------|
| CR-EXT | Splice Extension Kit | \$25.50 |



### Heavy Duty Splice Kit

- Use to connect runway stringers
- Includes 2 clamps and hardware
- Yellow zinc finish

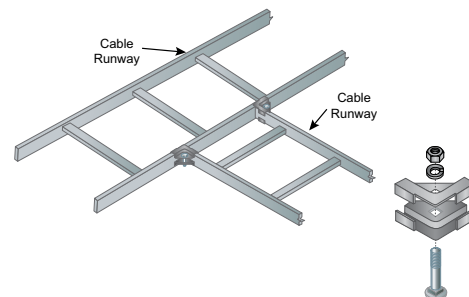
| Part # | Description           | Price   |
|--------|-----------------------|---------|
| CR-SPL | Heavy Duty Splice Kit | \$56.20 |



### Horizontal T-Splice Kit

- Use for 90° horizontal T-connections
- Includes 2 clamps and hardware
- Yellow zinc finish

| Part # | Description         | Price   |
|--------|---------------------|---------|
| CR-HT  | Horizontal T-Splice | \$24.40 |

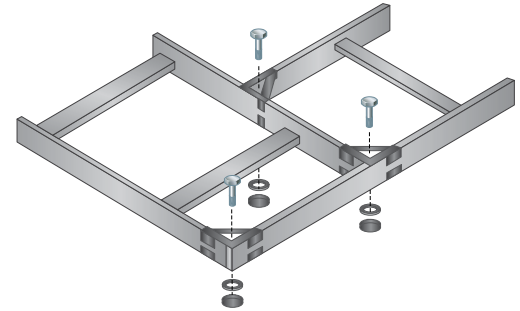




## 90° Bend Splice Kit

- Use to form 90° bends
- Includes 3 clamps and hardware
- Yellow zinc finish

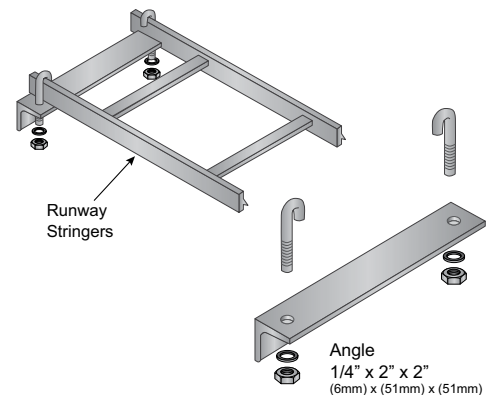
| Part # | Description     | Price   |
|--------|-----------------|---------|
| CR-90  | 90° Bend Splice | \$36.50 |



## Runway End Wall Support Kits

- Secure end of runway to wall
- Kits include angle, two J-bolts, and hardware
- Available in yellow zinc or telco gray finish

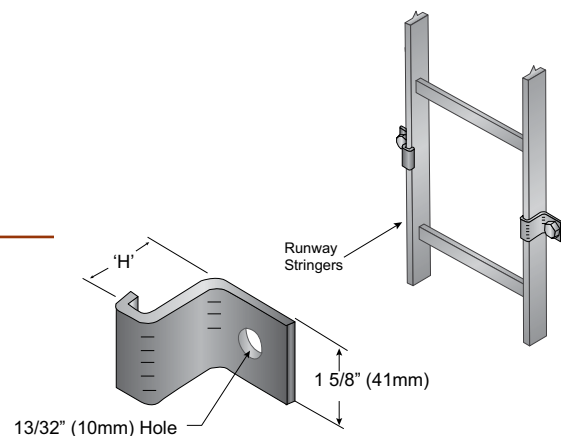
| Part #    | Size | Finish      | Price   |
|-----------|------|-------------|---------|
| CR-EW12-Y | 12"  | Yellow Zinc | \$62.10 |
| CR-EW12-G | 12"  | Telco Gray  | \$62.10 |
| CR-EW18-Y | 18"  | Yellow Zinc | \$72.40 |
| CR-EW18-G | 18"  | Telco Gray  | \$72.40 |



## Hold-Down Clamp Kit

- Secures runway to wall, ceiling, floor, or strut
- Includes 2 clamps
- Yellow zinc finish

| Part #  | Description                       | Price   |
|---------|-----------------------------------|---------|
| CR-9141 | Hold Down Clamp Kit (Yellow Zinc) | \$39.25 |



## Neoprene End Cap

- Protects runway ends
- Black neoprene
- Meets UL94 flame resistant requirement
- Sold in packs of 10

| Part # | U of M  | Price   |
|--------|---------|---------|
| CR-NEO | 10 Pack | \$79.60 |

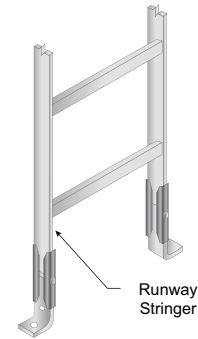


## CABLE RUNWAY

### End Support Kit

- Secures runway to floor, ceiling, or wall
- Includes two end supports and clamps with hardware
- Yellow zinc finish

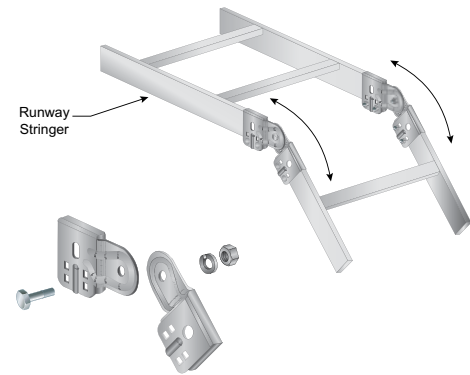
| Part #   | Description   | Price   |
|----------|---------------|---------|
| CR-STAND | Stand-Off Kit | \$69.00 |



### Adjustable Vertical Bend Kit

- Includes 2 splices and hardware
- 180° of adjustment
- Yellow zinc finish

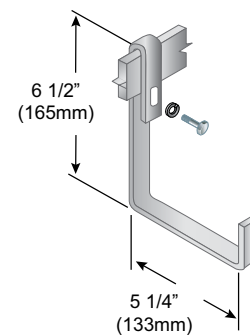
| Part # | Description                  | Price   |
|--------|------------------------------|---------|
| CR-AVB | Adjustable Vertical Bend Kit | \$57.75 |



### Power Cable Support Kits

- Support power cable under runway
- Hardware included

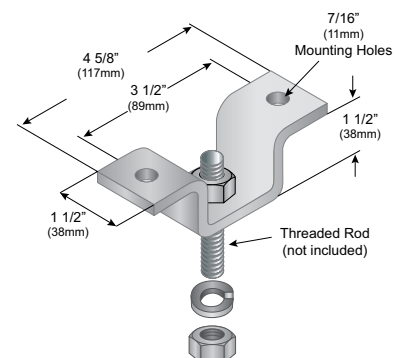
| Part #   | Finish      | Price   |
|----------|-------------|---------|
| CR-PCS-Y | Yellow Zinc | \$39.25 |
| CR-PCS-G | Telco Gray  | \$39.25 |



### Ceiling Hanger Kits

- Used to suspend runway from ceiling
- Kits include bracket, lock washer, and two nuts
- Purchase threaded rod separately (p. 158)

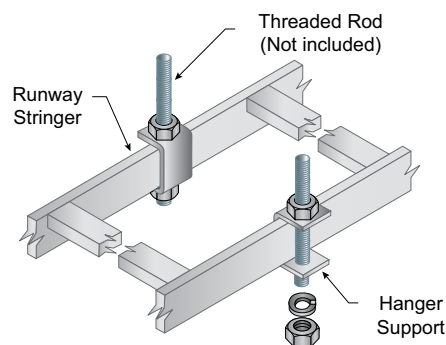
| Part #    | Rod Size | Description        | Price   |
|-----------|----------|--------------------|---------|
| CR-HANG12 | 1/2"     | Yellow zinc finish | \$31.75 |
| CR-HANG58 | 5/8"     | Yellow zinc finish | \$32.95 |



## Runway Support Kits

- Used to support runway from threaded rod
- Kits include two supports and hardware; purchase threaded rod separately (p. 158)
- Kits available to fit 1/2" and 5/8" threaded rod

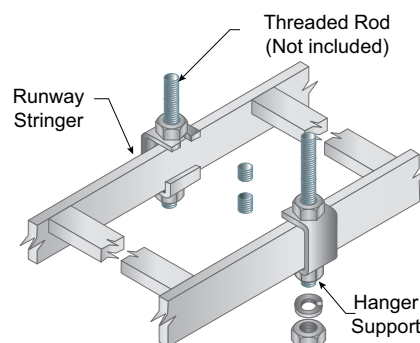
| Part #   | Rod Size | Description        | Price   |
|----------|----------|--------------------|---------|
| CR-SUP12 | 1/2"     | Yellow zinc finish | \$52.25 |
| CR-SUP58 | 5/8"     | Yellow zinc finish | \$32.50 |



## Slotted Runway Support Kits

- Used to support runway from threaded rod
- Kits include two supports and hardware; purchase threaded rod separately (p. 158)
- Kits available to fit 1/2" and 5/8" threaded rod
- Slotted for easy attachment

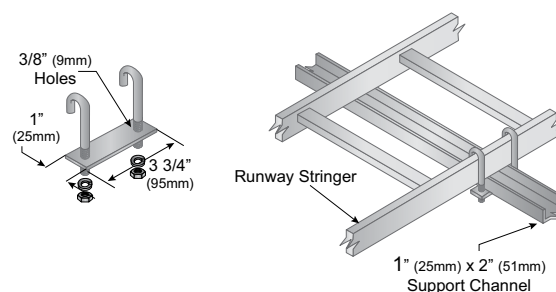
| Part #   | Rod Size | Description        | Price   |
|----------|----------|--------------------|---------|
| CR-SWT12 | 1/2"     | Yellow zinc finish | \$47.40 |
| CR-SWT58 | 5/8"     | Yellow zinc finish | \$42.60 |



## J-Bolt Kit

- Used to secure cable runway to 1" x 2" support channel
- Includes plate and two J-bolts

| Part # | Rod Size | Description        | Price   |
|--------|----------|--------------------|---------|
| CR-JB  | 5/16"    | Yellow zinc finish | \$26.10 |



## Earthquake Bracing Kit

- Keeps installation safe and stable during seismic events
- Includes two 5/8" x 24" threaded rods and hardware
- Kit is for one complete side
- Yellow zinc finish

| Part # | Description                     | Price   |
|--------|---------------------------------|---------|
| EQBK   | Earthquake Bracing Kit (1 side) | \$97.00 |



# EQUIPMENT PLATFORMS



## Pre-Designed Platform Kits

- Easy deployment for any site such as rooftops or ground sites
- Adjust for flat and sloped roofs
- Can be used on variety of soil types
- Modular designs assemble in minutes and allows for future expansion
- In stock for immediate shipment

### 5' x 7' Platform

- Total Frame Capacity
  - Distributed Deadload 8,640 lb
  - Distributed Windload 2,664 lb
- Channel Capacity (Critical Load Point)
  - Concentrated Deadload 2,500 lb
  - Concentrated Uplift 2,500 lb
- Expanded Metal Capacity (Critical Load Point)
  - 28" Panel Deadload 1,200 lb
  - 28" Panel Uplift 1,200 lb

**Handrail Kits are not available for 5' x 7' Platforms**



| Part #   | Size    | Components                              | Sub Assembly    | Price      |
|----------|---------|-----------------------------------------|-----------------|------------|
| MEP57-7S | 5' x 7' | (1) 5' x 7' Frame<br>(4) Small Footpads | MEP57<br>MPAD-S | \$2,485.00 |

### 5' x 7' Platform

- Total Frame Capacity
  - Distributed Deadload 8,640 lb
  - Distributed Windload 2,664 lb
- Channel Capacity (Critical Load Point)
  - Concentrated Deadload 2,500 lb
  - Concentrated Uplift 2,500 lb
- Expanded Metal Capacity (Critical Load Point)
  - 28" Panel Deadload 1,200 lb
  - 28" Panel Uplift 1,200 lb

**Handrail Kits are not available for 5' x 7' Platforms**



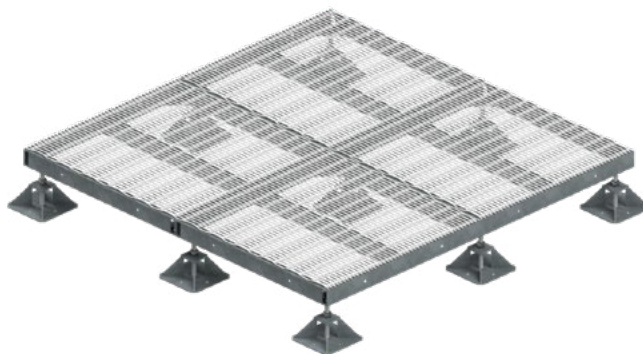
| Part #     | Size    | Components                                                            | Sub Assembly              | Price      |
|------------|---------|-----------------------------------------------------------------------|---------------------------|------------|
| MEP57-7SHF | 5' x 7' | (1) 5' x 7' Frame<br>(4) Small Footpads<br>(1) H-Frame Equipment Rack | MEP57<br>MPAD-S<br>HF-556 | \$3,225.00 |



## EQUIPMENT PLATFORMS

### 8' x 8' Platform

- Total Frame Capacity
  - Distributed Deadload 22,400 lb
  - Distributed Windload 5,980 lb
- Channel Capacity (Critical Load Point)
  - Concentrated Deadload 4,000 lb
  - Concentrated Uplift 4,000 lb
- Expanded Metal Capacity (Critical Load Point)
  - 2' Panel Deadload 1,000 lb
  - 2' Panel Uplift 1,000 lb



| Part #   | Size    | Components                              | Sub Assembly    | Price      |
|----------|---------|-----------------------------------------|-----------------|------------|
| MEP88-4S | 8' x 8' | (4) 4' x 4' Frame<br>(9) Small Footpads | MEP44<br>MPAD-S | \$4,460.00 |

### 10' x 10' Platform



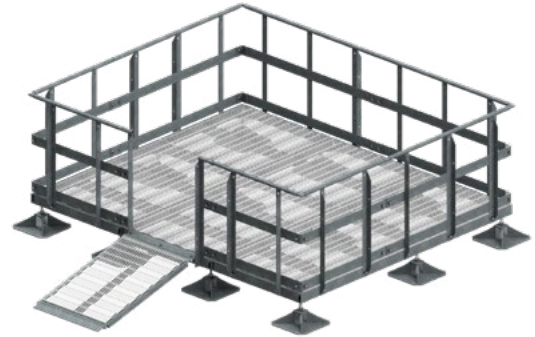
- Total Frame Capacity
  - Distributed Deadload 20,050 lb
  - Distributed Windload 5,490 lb
- Channel Capacity (Critical Load Point)
  - Concentrated Deadload 2,500 lb
  - Concentrated Uplift 2,500 lb
- Expanded Metal Capacity (Critical Load Point)
  - 2' Panel Deadload 1,200 lb
  - 2' Panel Uplift 1,200 lb



| Part #     | Size      | Components                                                    | Sub Assembly               | Price      |
|------------|-----------|---------------------------------------------------------------|----------------------------|------------|
| MEP1010-7S | 10' x 10' | (2) 5' x 7' Frame,<br>(2) 5' x 3' Frame,<br>(9) Small Footpad | MEP57,<br>MEP53,<br>MPAD-S | \$6,625.00 |

## 10' x 12' Platform

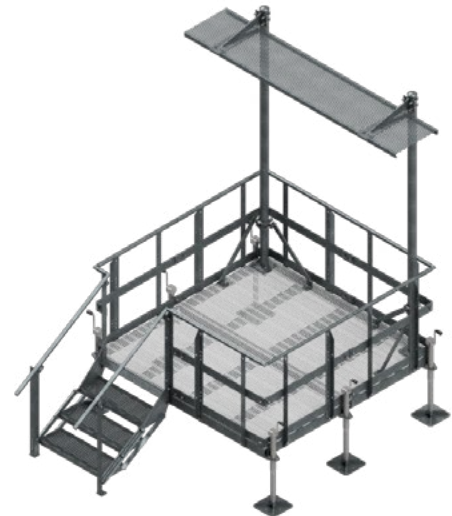
- Total Frame Capacity
  - Distributed Deadload 31,500 lb
  - Distributed Windload 7,910 lb
- Channel Capacity (Critical Load Point)
  - Concentrated Deadload 3,000 lb
  - Concentrated Uplift 3,000 lb
- Expanded Metal Capacity (Critical Load Point)
  - 2' Panel Deadload 1,000 lb
  - 2' Panel Uplift 1,000 lb



| Part #          | Size      | Components                                                                                                                                                                              | Sub Assembly                                                                                 | Price       |
|-----------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------|
| MEP1012-6LH44R5 | 10' x 12' | (3) 4' x 6' Frame<br>(3) 4' x 4' Frame<br>(12) Large Footpad<br>(4) 6' Handrail<br>(4) 4' Handrail<br>(1) 5' Access Ramp<br>(1) 4' Entrance<br>(5) Straight Splice<br>(4) Corner Splice | MEP46<br>MEP44<br>MPAD-L<br>MRAIL-6<br>MRAIL-4<br>MRAMP<br>MOPEN-4<br>MSPLICE-S<br>MSPLICE-C | \$12,195.00 |

## 8' x 8' Platform

- Total Frame Capacity
  - Distributed Deadload 8,400 lb
  - Distributed Windload 1,920 lb
- Channel Capacity (Critical Load Point)
  - Concentrated Deadload 2,200 lb
  - Concentrated Uplift 2,200 lb
- Expanded Metal Capacity (Critical Load Point)
  - 2' Panel Deadload 1,000 lb
  - 2' Panel Uplift 1,000 lb



| Part #         | Size    | Components                                                                                                                                                          | Sub Assembly                                                                         | Price       |
|----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------|
| MEP88-8JH32S3I | 8' x 8' | (2) 4' x 8' Frame<br>(6) Jack Footpads<br>(7) 4' Handrail<br>(1) 3 Step Stairs<br>(1) 4' Entrance<br>(1) 10' Ice Bridge<br>(4) Straight Splice<br>(4) Corner Splice | MEP48<br>MJACK<br>MRAIL-4<br>MSTEP<br>MOPEN-4<br>MIBP-2410<br>MSPLICE-S<br>MSPLICE-C | \$10,495.00 |

Frame capacities may vary depending on site specific conditions. For site specific engineering contact Site Pro1 Engineering  
888-753-7446 • [sp1engineering@valmont.com](mailto:sp1engineering@valmont.com)

## Ground Solution #1

### MEP88-8SH32S1I

- 8' x 8' platform
- 24" x 10' ice bridge
- Handrails
- One step and six 12" x 12" small footpads



| Part #         | Size    | Components                                                                                                            | Sub Assembly                                                    | Price      |
|----------------|---------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------|
| MEP88-8SH32S1I | 8' x 8' | (2) 4' x 8' Frame<br>(6) Small Footpad<br>(7) 4' Handrail<br>(1) Single Step<br>(1) 4' Entrance<br>(1) 10' Ice Bridge | MEP48<br>MPAD-S<br>MRAIL-4<br>MSTEP-1LD<br>MOPEN-4<br>MIBP-2410 | \$8,775.00 |



## Ground Solution #2

### MEP88-8SH32S1C

- 8' x 8' platform
- 8' x 10' full canopy
- Handrails
- One step and six 12" x 12" small footpads



| Part #         | Size    | Components                                                                                                                                        | Sub Assembly                                                               | Price       |
|----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------|
| MEP88-8SH32S1C | 8' x 8' | (2) 4' x 8' Frame<br>(6) Small Footpad<br>(6) 4' Handrail<br>(2) 2' Handrail<br>(1) Single Step<br>(1) 4' Entrance<br>(1) 8' x 10' Platform Cover | MEP48<br>MPAD-S<br>MRAIL-4<br>M-RAIL-2<br>MSTEP-1LD<br>MOPEN-4<br>MPCOV810 | \$14,100.00 |



## Rooftop Solution #1

### MEP88-4LH32S1I

- 8' x 8' platform
- 24" x 10' ice bridge
- Handrails
- One step and nine 18" x 18" large footpads



| Part #         | Size    | Components                                                                                                                               | Sub Assembly                                                               | Price      |
|----------------|---------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------|
| MEP88-4LH32S1I | 8' x 8' | (4) 4' x 4' Frame<br>(9) Large Footpad<br>(6) 4' Handrail<br>(2) 2' Handrail<br>(1) Single Step<br>(1) 4' Entrance<br>(1) 10' Ice Bridge | MEP44<br>MPAD-L<br>MRAIL-4<br>MRAIL-2<br>MSTEP-1LD<br>MOPEN-4<br>MIBP-2410 | \$9,710.00 |



## Rooftop Solution #2

### MEP88-4LH32S1C

- 8' x 8' platform
- 8' x 10' full canopy
- Handrails
- One step and nine 18" x 18" large footpads



| Part #         | Size    | Components                                                                                                                                        | Sub Assembly                                                              | Price       |
|----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------|
| MEP88-4LH32S1C | 8' x 8' | (4) 4' x 4' Frame<br>(9) Large Footpad<br>(6) 4' Handrail<br>(2) 2' Handrail<br>(1) Single Step<br>(1) 4' Entrance<br>(1) 8' x 10' Platform Cover | MEP44<br>MPAD-L<br>MRAIL-4<br>MRAIL-2<br>MSTEP-1LD<br>MOPEN-4<br>MPCOV810 | \$14,995.00 |



### Build Your Own Platform

- Comprehensive selection for nearly any configuration
- Modular components designed for future expansion
- Assembles in minutes for quick deployment
- Adjusts for flat and sloped roofs
- Can be used on variety of soil types
- All components in stock for immediate shipment

### In Just Five Easy Steps



Numerous Combinations • Easy to Assemble • In Stock & Ready to Ship



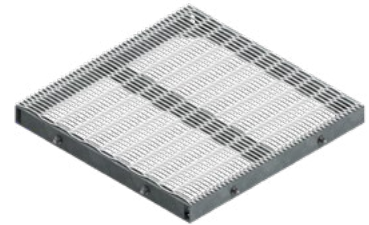
**STEP**  
**01**

## Base Section

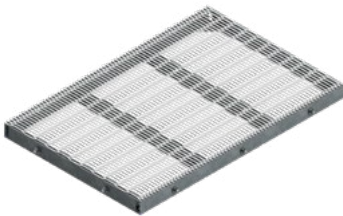
- Build a custom platform by combining standard sections to obtain the layout and features needed for your application
- Welded design for strength, durability, and ease of installation
- Standard hole spacing
- Base withstands 6,000 - 8,000 lb of distributed load
- Manufactured with structural grade #5 expanded metal



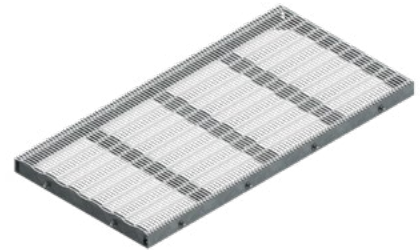
| Part # | Size    | Description                     | Price    |
|--------|---------|---------------------------------|----------|
| MEP42  | 4' x 2' | Modular Equipment Platform Base | \$550.00 |



| Part # | Size    | Description                     | Price    |
|--------|---------|---------------------------------|----------|
| MEP44  | 4' x 4' | Modular Equipment Platform Base | \$850.00 |



| Part # | Size    | Description                     | Price      |
|--------|---------|---------------------------------|------------|
| MEP46  | 4' x 6' | Modular Equipment Platform Base | \$1,210.00 |



| Part # | Size    | Description                     | Price      |
|--------|---------|---------------------------------|------------|
| MEP48  | 4' x 8' | Modular Equipment Platform Base | \$1,560.00 |



| Part # | Size    | Description                     | Price    |
|--------|---------|---------------------------------|----------|
| MEP53  | 5' x 3' | Modular Equipment Platform Base | \$795.00 |



| Part # | Size    | Description                     | Price      |
|--------|---------|---------------------------------|------------|
| MEP57  | 5' x 7' | Modular Equipment Platform Base | \$1,925.00 |

## STEP 02

### Support

- Select from multiple support options
- MPAD supports 4,000 lb axial load
- MJACK supports 5,000 lb axial load
- Adjustable footpads and jack allow for easy leveling and height adjustment
- Optional leveling kits available

### Footpads

- One footpad is required at each corner and at each base section connection point
- For additional platform height add footpad extension kits and footpad bracing kits
- Rubber mats recommended for rooftop applications
- Extension bracing kit includes the two end plates with attaching hardware; order bulk angle separately and field cut the diagonal braces for your application

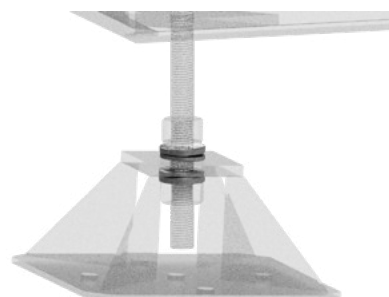
| Part #    | PAD Size  | Description                   | Deck Height Adjustment | Price    |
|-----------|-----------|-------------------------------|------------------------|----------|
| MPAD-S    | 12" x 12" | Small Footpad                 | 13" - 18-1/2"          | \$140.00 |
| MPAD-L    | 18" x 18" | Large Footpad                 | 13" - 18-1/2"          | \$200.00 |
| MPAD-EX33 | N/A       | Footpad Extension             | 27-1/2" - 32-1/2"      | \$225.00 |
| MPAD-EX48 | N/A       | Footpad Extension             | 42-1/2" - 47-1/2"      | \$395.00 |
| MPAD-BRC  | N/A       | Footpad Extension Bracing Kit | N/A                    | \$55.00  |



### Leveling Kit (for sloped surfaces)

- Allows for a 3 degree adjustment (5/8" per foot)
- Beveled washer designed to self level as you tighten connection

| Part # | Description                   | Price    |
|--------|-------------------------------|----------|
| MLEVEL | 3 degree Footpad Leveling Kit | \$150.00 |





## Support

### Standard and Extended Jacks

- Jack must be placed on perimeter of structure only
- MJACK cannot be combined with center supports
- Base combinations with interior connections use MPAD support only
- Rubber mats recommended for rooftop applications

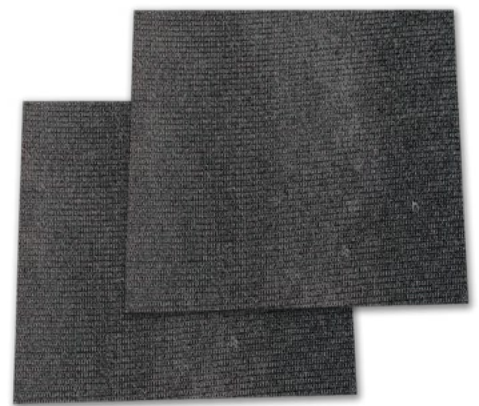
| Part #    | Size      | Description                                        | Deck Height Adjustment | Price    |
|-----------|-----------|----------------------------------------------------|------------------------|----------|
| MJACK     | 12" x 12" | 5,000 lb Side C Crank Jack w/ Small Footpad        | 13" - 28"              | \$350.00 |
| MJACK-EXT | 18" x 18" | 5,000 lb Side Crank Jack Extended w/ Large Footpad | 28" - 43"              | \$480.00 |



### Rubber Mats

- Each footpad and jack requires rubber mats for rooftop applications
- Designed to protect the integrity of rooftop
- Manufactured from UV-resistant 1/2" thick rubber

| Part # | Description      | Price   |
|--------|------------------|---------|
| MMAT   | 1/2" x 18" x 18" | \$16.75 |



STEP  
03

Handrail

Access Point/Finishing Kit

- MOPEN-4 must be used for handrail attachment
- Splice kit required at each mating connection

| Part #  | Description                | Price    |
|---------|----------------------------|----------|
| MOPEN-4 | Access Point/Finishing Kit | \$210.00 |



Handrail Kits

- Select from multiple options to achieve ideal fit
- Handrails designed to accept additional unistrut for equipment mounting
- IBC and OSHA compliant for maintenance traffic

| Part #  | Size     | Description     | Price    |
|---------|----------|-----------------|----------|
| MRAIL-2 | 2' x 42" | 2' Handrail Kit | \$114.00 |
| MRAIL-4 | 4' x 42" | 4' Handrai Kitt | \$245.00 |
| MRAIL-6 | 6' x 42" | 6' Handrail Kit | \$385.00 |



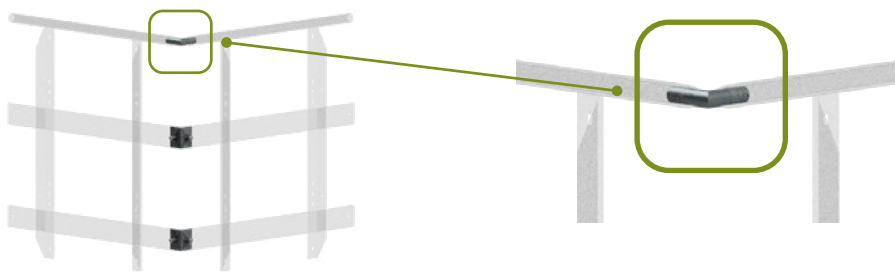
# STEP 03

## Handrail

### Splice Connection Kits

- Splice kit required at each mating connection
- Kits include hardware for top, mid, and kick-plate connection

| Part #    | Description             | Price   |
|-----------|-------------------------|---------|
| MSPLICE-C | Corner Connection Kit   | \$31.50 |
| MSPLICE-S | Straight Connection Kit | \$34.50 |



Interfit Design at top of handrail  
does not require hardware  
Allows for smooth  
rail transitions

### Square Strut

- Add strut to handrail to easily adapt to an equipment rack



| Part # | Length | Price    |
|--------|--------|----------|
| UNT10  | 10'    | \$105.00 |





**STEP**  
**04**

## Access

- Select from a wide variety of access options
- Access based upon desired deck height
- IBC and OSHA compliant

### Step and Access Kits with Handrails

- Stairs allow for 5" - 7" vertical adjustment per step
- MOPEN-4 must be used for access points and handrail attachment
- Includes stairs, handrails, and hardware on 2-step, 3-step, and 4-step stairs



| Part #  | Width   | Platform Deck Height | Description                 | Price      |
|---------|---------|----------------------|-----------------------------|------------|
| MSTEP-1 | 35-1/2" | 9" - 14"             | Fixed Height Stair Kit      | \$216.00   |
| MSTEP-2 | 32"     | 14" - 23"            | 2-Step Adjustable Stair Kit | \$740.00   |
| MSTEP-3 | 32"     | 19" - 34"            | 3-Step Adjustable Stair Kit | \$980.00   |
| MSTEP-4 | 32"     | 24" - 43"            | 4-Step Adjustable Stair Kit | \$1,215.00 |
| MOPEN-4 | 35-1/2" |                      | Access Point/Finishing Kit  | \$210.00   |



### Step Kits without Handrails

- Fixed steps allow for a standard 7" rise
- Floating designs do not require ground connection
- Provide access onto a level deck
- Do not require MOPEN-4



| Part #    | Width   | Platform Deck Height | Description                     | Price    |
|-----------|---------|----------------------|---------------------------------|----------|
| MSTEP-1LD | 35-1/2" | 9" - 14"             | 1-Step Direct Connect Stair Kit | \$360.00 |
| MSTEP-2LD | 35-1/2" | 14" - 23"            | 2-Step Direct Connect Stair Kit | \$600.00 |



MSTEP-2LD

**STEP**  
**04**

## Access

### Ramp Kit

- Hinged design folds up when not in use to minimize use of real estate
- Capacity of 2,000 lb to allow for dolly and cabinet entry
- MRAMP-5 does not require MOPEN-4 for connection
- Recommended deck height of 4" - 19.5" (not to exceed 20 degree slope)
- Maximum allowable deck height 26" (not to exceed 30 degree slope)
- Use chain guard kit to secure access point and lock ramp in place when in closed position
- Kit includes 4' - 3" chain and hardware



| Part #  | Width           | Platform Deck Height | Description         | Price    |
|---------|-----------------|----------------------|---------------------|----------|
| MRAMP-5 | 35-1/2"         | 4" - 26"             | Adjustable Ramp Kit | \$665.00 |
| MCHAIN  | Chain Guard Kit |                      |                     | \$69.50  |



### Ladder Kits

- Straight ladders require limited real estate
- Feature anti-slip rungs
- Designed with 16" wide climb path with 24" top opening for easy access
- Optional back grab rail available
- MOPEN-4 must be used for ladder option



| Part #    | Width   | Description                | Price    |
|-----------|---------|----------------------------|----------|
| MLADDER-1 | 16"     | 1 Rung Ladder Kit          | \$195.00 |
| MLADDER-3 | 16"     | 3 Rung Ladder Kit          | \$275.00 |
| MLADDER-5 | 16"     | 5 Rung Ladder Kit          | \$350.00 |
| MBRAIL    |         | Backing Rail Kit           | \$177.50 |
| MOPEN-4   | 35-1/2" | Access Point/Finishing Kit | \$210.00 |





## Accessories

### Platform Cover Kits

- Shield equipment from falling ice and debris
- Allow for 9' cabinet height



| Part #    | Description                            | Weight   | Price      |
|-----------|----------------------------------------|----------|------------|
| MPCOV610  | 6' x 10' Equipment Platform Cover Kit  | 895 lb   | \$3,935.00 |
| MPCOV810  | 8' x 10' Equipment Platform Cover Kit  | 930 lb   | \$4,530.00 |
| MPCOV812  | 8' x 12' Equipment Platform Cover Kit  | 1,020 lb | \$5,140.00 |
| MPCOV1010 | 10' x 10' Equipment Platform Cover Kit | 1,025 lb | \$5,290.00 |
| MPCOV1012 | 10' x 12' Equipment Platform Cover Kit | 1,139 lb | \$6,050.00 |



### Platform Ice Bridge Kits

- Shield equipment from falling ice
- Allow for 9' cabinet height
- Can be used with or without platform handrails
- Expanded metal channels can be cut down for use with smaller platforms



| Part #     | Description                                      | Weight | Price      |
|------------|--------------------------------------------------|--------|------------|
| MIBP-2410  | 24" x 10' Platform Ice Bridge Kit                | 375 lb | \$2,575.00 |
| MIBP-2412  | 24" x 12' Platform Ice Bridge Kit                | 385 lb | \$2,840.00 |
| MIBP-2410L | 24" x 10' x 10' L-Shaped Platform Ice Bridge Kit | 595 lb | \$4,480.00 |



# STEP 05

## Accessories

### Platform Equipment Rack Kits

- Complete kits for all equipment mounting needs
- Heavy duty construction
- Include two 10' galvanized unistrut rails
- Designed to space unistrut at 6" typical spacing but spacing is adjustable



| Part # | Overall Size | Deck Length | Description                                 | Price      |
|--------|--------------|-------------|---------------------------------------------|------------|
| MER8-H | 8'           | 8'          | H-Frame with handrail attachment kit        | \$970.00   |
| MER8-P | 8'           | 8'          | H-Frame with direct platform attachment kit | \$1,195.00 |



### H-Frame Equipment Rack

- 2-7/8" x 6' pipe risers
- Five levels of 1-5/8" x 5' square strut
- Galvanized



| Part # | Description            | Weight | Price    |
|--------|------------------------|--------|----------|
| HF-556 | H-Frame Equipment Rack | 117 lb | \$995.00 |



### Pipe Mount Kit

- Easily attach GPS, microwave, panel antennas and specialized stealth to handrail
- Mount pipe mast direct to handrail
- Accepts 1-1/2" to 5" pipes (sold separately, p. 154)
- Includes top and bottom clamp set and all hardware

| Part # | Pipe Size   | Clamp Thickness | Threaded Rod | Kit Quantity | Price   |
|--------|-------------|-----------------|--------------|--------------|---------|
| MPIPEM | 1-1/2" - 5" | 1/2"            | 5/8" x 18"   | Kit of 2     | \$86.00 |

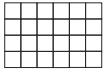


## Example

STEP

01

## BASE SECTION

|                                                                                   |            |       |
|-----------------------------------------------------------------------------------|------------|-------|
|  | 4 x 2 Base | MEP42 |
|  | 4 x 4 Base | MEP44 |
|  | 3 x 5 Base | MEP35 |
|  | 4 x 6 Base | MEP46 |
|  | 4 x 8 Base | MEP48 |
|  | 5 x 7 Base | MEP57 |

STEP

02

## SUPPORT

|                                                                                     |                       |           |
|-------------------------------------------------------------------------------------|-----------------------|-----------|
|  | Small Footpad         | MPAD-S    |
|  | Large Footpad         | MPAD-L    |
|  | Jack                  | MJACK     |
|  | Extended Jack         | MJACK-EXT |
| E3                                                                                  | 33" Footpad Extension | MPAD-EX33 |
| E4                                                                                  | 48" Footpad Extension | MPAD-EX48 |
| EB                                                                                  | Extension Brace       | MPAD-BRC  |
| M                                                                                   | Rubber Mat            | MMAT      |
| LK                                                                                  | Leveling Kit          | MLEVEL    |
|                                                                                     | Stair with Handrail   | MSTEP1    |
|                                                                                     |                       | MSTEP2    |

STEP

03

## HANDRAIL

|    |                 |           |
|----|-----------------|-----------|
| O4 | 4' Access Point | MOPEN-4   |
| H2 | 2' Handrail     | MRAIL-2   |
| H4 | 4' Handrail     | MRAIL-4   |
| H6 | 6' Handrail     | MRAIL-6   |
| C  | Corner Splice   | MSPLICE-C |
| S  | Straight Splice | MSPLICE-S |
| U  | Unistrut        | UNT10     |

STEP

04

## ACCESS

|                                                                                     |                     |           |
|-------------------------------------------------------------------------------------|---------------------|-----------|
|   | Stair with Handrail | MSTEP2    |
|                                                                                     |                     | MSTEP3    |
|                                                                                     |                     | MSTEP4    |
|                                                                                     | Stair w/no Handrail | MSTEP1    |
|                                                                                     |                     | MSTEP-1LD |
|                                                                                     |                     | MSTEP-2LD |
|  | Ladder              | MLADDER-1 |
|                                                                                     |                     | MLADDER-2 |
|                                                                                     |                     | MLADDER-5 |
| BG                                                                                  | Back Grab Rail      | MBRAIL    |
|  | RAMP                | MRAMP-5   |
|  | Chain Guard         | MCHAIN    |

STEP

05

## ACCESSORIES

|                 |            |
|-----------------|------------|
| Covers          | MPCOV610   |
|                 | MPCOV810   |
|                 | MPCOV812   |
|                 | MPCOV1010  |
| Ice Bridge Kits | MIBP-2410  |
|                 | MIBP-2412  |
|                 | MIBP-2410L |
| Equipment Racks | MER8-H     |
|                 | MER8-P     |
| Pipe Mount Kit  | MPIPEM     |



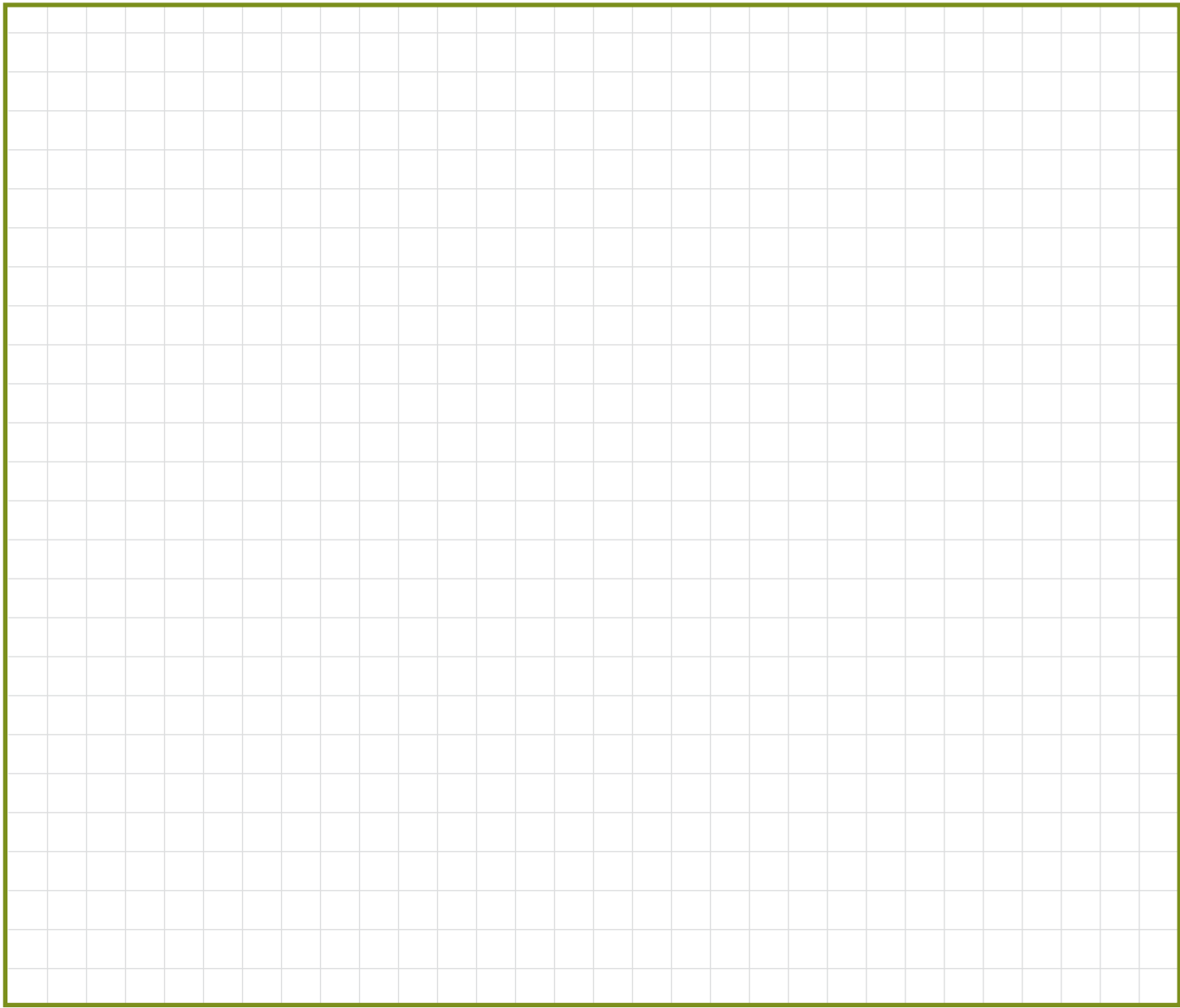
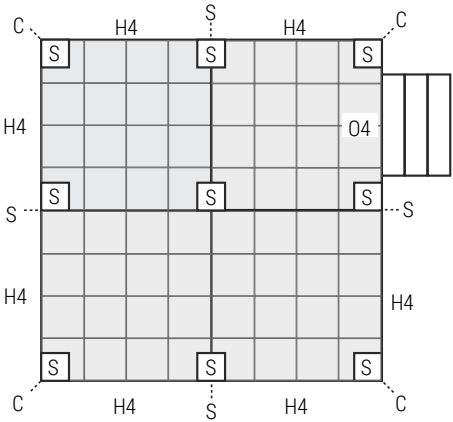
# Chart Your Site

## Customize your platform here

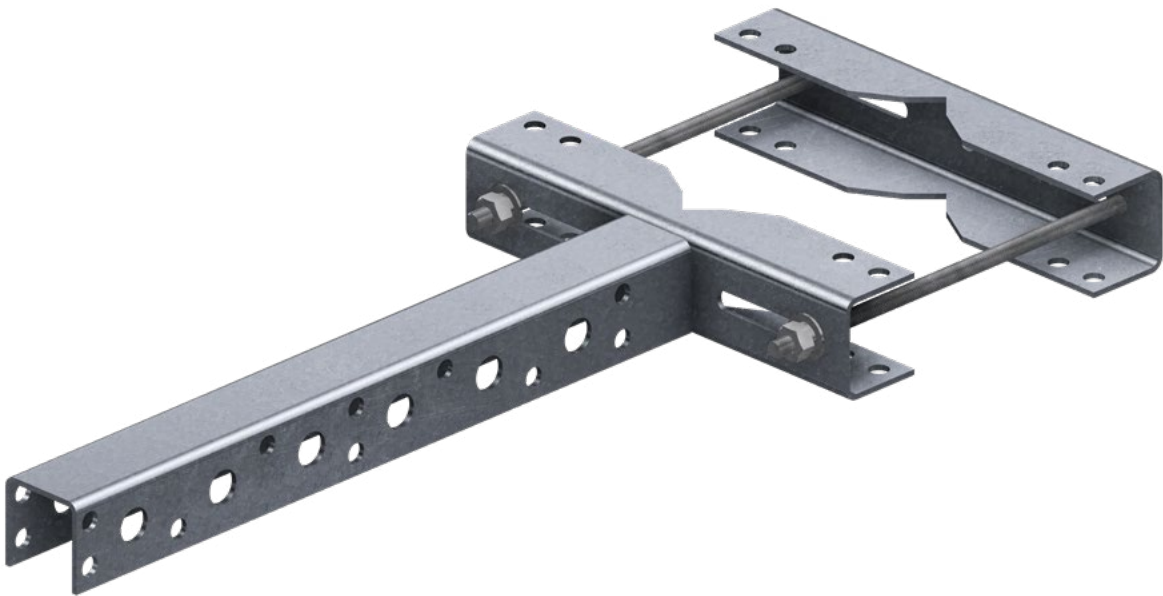
Desired Deck Height \_\_\_\_\_

**\*\*Used for Steps 2 and 4**

- For assistance or to order please call 888-753-7446



# CABLE SUPPORT



## TrapBox™

- 304 stainless steel trapezoid snap-in box
- For use with stackable snap-ins only
- Accepts hose clamps or 1/2" banding to attach directly to round members
- The TrapBox™ attaches to angle adapters, tower standoff brackets, T-brackets, etc. with 3/8" hardware
- If using 1-1/4" or 1-5/8" MonoBloc stackable snap-ins, the center hole of TrapBox™ cannot be used (2 runs only)
- Three 3/4" holes; maximum load is six 1-5/8" cables



| Part # | Size                     | U of M  | Weight | Price   |
|--------|--------------------------|---------|--------|---------|
| TRAP3  | 3-1/4" x 1-1/2" x 1-1/2" | 10 Pack | 1.1 lb | \$30.10 |

## 3-Way Universal PIM Standoff Adapters



- Weather-resistant nylon material
- Mount to round or flat members
- Include 3/4" and 3/8" accessory mounting holes
- Slots for 1/2" to 5/8" hose clamps, cable ties, or banding



| Part #  | Size                      | U of M  | Weight | Price   |
|---------|---------------------------|---------|--------|---------|
| PIMTRAP | 3-7/16" x 2-1/8" x 1-5/8" | 10 Pack | 1.5 lb | \$31.50 |

## Mini Cluster Box™

- Attaches to angle adapters, tower standoff brackets, T-brackets, etc. with 3/8" hardware
- Accepts up to three snap-in hangers
- Hot-dip galvanized steel



| Part # | Size                 | Weight | Price  |
|--------|----------------------|--------|--------|
| SNBX3  | 2-1/2" x 2-1/2" x 2" | 0.6 lb | \$6.20 |

## Banjo Box™

- Attaches to angle adapters, tower standoff brackets, T-brackets, etc. with 3/8" hardware
- Slotted holes for attachment with 1/2" or 3/4" banding
- Accepts up to nine snap-in hangers
- Hot-dip galvanized steel



| Part # | Size          | Weight | Price   |
|--------|---------------|--------|---------|
| BJ09   | 10" x 5" x 2" | 1.7 lb | \$26.50 |

## CABLE SUPPORT

### Cluster Box™

- Attaches to angle adapters, tower standoff brackets, T-brackets, etc. with 3/8" hardware
- Accepts up to six runs of 1-5/8" or 1-1/4" cables or nine runs of 1/2" or 7/8" cables with snap-in hangers
- Attach to round members up to 3" diameter with a 1/2" U-bolt (p. 156)
- Hot-dip galvanized steel

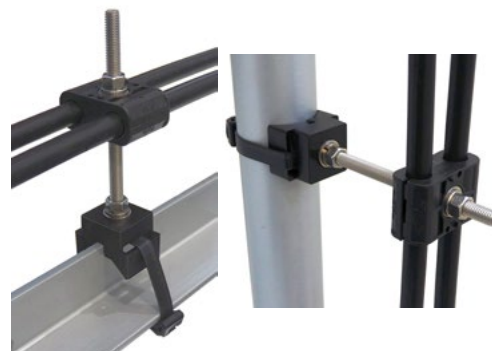


| Part # | Size                 | Weight | Price   |
|--------|----------------------|--------|---------|
| SNBX6  | 5-1/2" x 5-1/2" x 2" | 1.3 lb | \$19.90 |

### Multi-Function Cable Support Base NEW

- Cost efficient
- UV stable, glass-filled nylon construction
- Mounts to angle or round members using low PIM acetal straps
- 3/8" accessory mounting hole
- 3/8" stainless steel nut included

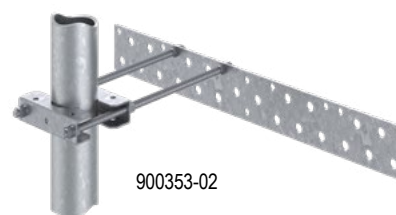
| Part #    | Description                       | U of M  | Price   |
|-----------|-----------------------------------|---------|---------|
| 901043-10 | Multi-Function Cable Support Base | 10 pack | \$24.35 |



### Cable Support Bar NEW

- Galvanized steel construction
- Mounts to round legs 2-3/8" to 4-1/2" in diameter
- Lower weight than competitive alternatives
- Double number of connections with Extra Bar kits
- 3/4" holes accept low PIM snap-ins
- Highly configurable

| Part #    | Description                                                    | Price    |
|-----------|----------------------------------------------------------------|----------|
| 900352-01 | Pole Mount Kit, 13-Position                                    | \$86.75  |
| 900352-02 | Pole Mount Kit, 13-Position, Extended Range                    | \$92.65  |
| 900353-01 | Cable Support Bar, Pole Mount Kit, 22 Position                 | \$97.05  |
| 900353-02 | Cable Support Bar, Pole Mount Kit, 22 Position, Extended Range | \$102.90 |
| 900354    | Cable Support, Extra Bar Kit, 13 Position                      | \$44.50  |
| 900355    | Cable Support, Extra Bar Kit, 22 Position                      | \$55.15  |



900353-02



900353-02 with  
900355 Extra Bar Kit

## Universal T-Bracket



- Brackets are galvanized to avoid PIM issues with dissimilar metals
- Mounts to round legs or angle legs (60° or 90°)
- Stands 16" off tower leg and supports up to 6 runs of cable using snap-in hangers
- Hot-dip galvanized

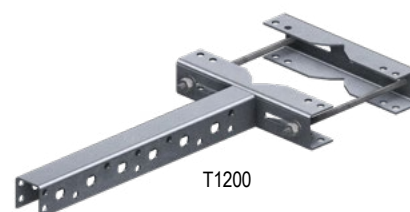
| Part # | # of Snap-In Holes                       | Round Member Size | 60° Angle Leg | 90° Angle Leg | Weight | Price   |
|--------|------------------------------------------|-------------------|---------------|---------------|--------|---------|
| T600   | 6                                        | 1-1/2" - 6"       | 2-1/2" - 8"   | 2-1/2" - 5"   | 6.0 lb | \$31.50 |
| T-EXT  | Extension Kit for Round Members up to 8" |                   |               |               | 1.0 lb | \$17.85 |



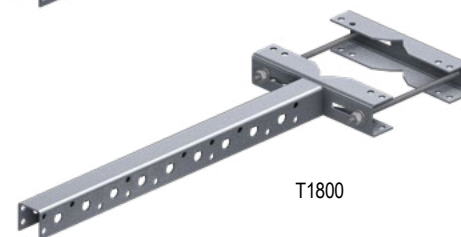
## Super Universal T-Brackets

- Mount to round legs or angle legs (60° or 90°)
- T1200 stands 18" off tower leg and supports up to 12 runs of cable using snap-in hangers
- T1800 stands 26" off tower leg and supports up to 18 runs of cable using snap-in hangers
- Hot-dip galvanized

| Part # | # of Snap-In Holes                       | Round Member Size | 60° Angle Leg | 90° Angle Leg | Weight | Price   |
|--------|------------------------------------------|-------------------|---------------|---------------|--------|---------|
| T1200  | 12                                       | 1-1/2" - 6"       | 2-1/2" - 8"   | 2-1/2" - 5"   | 7.2 lb | \$44.65 |
| T1800  | 18                                       | 1-1/2" - 6"       | 2-1/2" - 8"   | 2-1/2" - 5"   | 9.3 lb | \$81.20 |
| T-EXT  | Extension Kit for Round Members up to 8" |                   |               |               | 1.0 lb | \$17.85 |



T1200



T1800

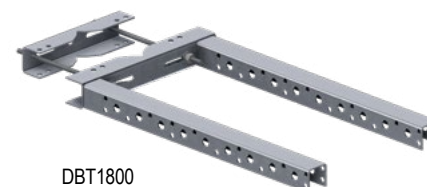
## Super Universal Double T-Brackets

- Mount to round or angle legs
- DBT1200 stands 18" off tower leg and supports up to 24 runs of cable using snap-in hangers
- DBT1800 stands 26" off tower leg and supports up to 36 runs of cable using snap-in hangers
- Hot-dip galvanized

| Part #  | # of Snap-In Holes                       | Round Member Size | 60° Angle Leg | 90° Angle Leg | Weight  | Price   |
|---------|------------------------------------------|-------------------|---------------|---------------|---------|---------|
| DBT1200 | 24                                       | 1-1/2" - 6"       | 2-1/2" - 8"   | 2-1/2" - 5"   | 12.5 lb | \$67.50 |
| DBT1800 | 36                                       | 1-1/2" - 6"       | 2-1/2" - 8"   | 2-1/2" - 5"   | 15.5 lb | \$75.75 |
| T-EXT   | Extension Kit for Round Members up to 8" |                   |               |               | 1.0 lb  | \$17.85 |



DBT1200



DBT1800

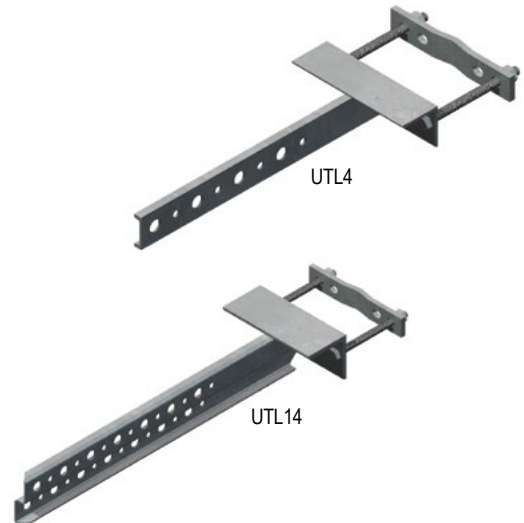


## CABLE SUPPORT BRACKETS

### Heavy-Duty Universal Cable Support Brackets

- Heavy-duty construction
- Mount to round legs
- Can be bolted directly to PiRod knock-down legs with included hardware
- UTL4 and UTL8 stand 17-1/2" off tower leg; UTL14 stands 26" off tower leg
- Punched with 3/4" holes for snap-in hangers and 7/16" holes for 3/8" hardware
- Hot-dip galvanized

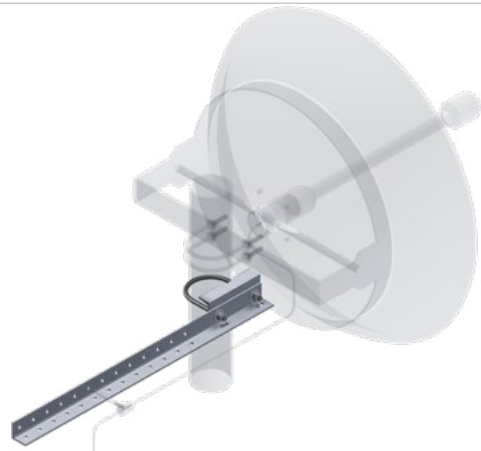
| Part # | # of Snap-In Holes | Round Member Size | Weight  | Price   |
|--------|--------------------|-------------------|---------|---------|
| UTL4   | 4                  | 1-1/2" - 5-1/2"   | 6.1 lb  | \$47.15 |
| UTL8   | 8                  | 1-1/2" - 5-1/2"   | 10.7 lb | \$65.95 |
| UTL14  | 14                 | 1-1/2" - 5-1/2"   | 12.2 lb | \$88.10 |



### Antenna Waveguide Support Bracket

- Provides support for the horizontal waveguide between antenna and cable ladder
- Mounts to 4-1/2" OD antenna mounting pipe
- 36" support arm has thirteen 7/16" holes on 2" centers
- Cable support hardware purchased separately

| Part # | Description                       | Weight | Price    |
|--------|-----------------------------------|--------|----------|
| AWSB   | Antenna Waveguide Support Bracket | 12 lb  | \$202.00 |



### Universal Round-Member Support Bracket

- Use on large diameter round members like monopoles, water tower legs, etc.
- Attach with 1/2" banding or lag screws if using on a wood pole
- Accepts 6 snap-in hangers; multiple brackets can be run on the same length of banding

| Part # | # of Snap-In Holes | Weight | Price  |
|--------|--------------------|--------|--------|
| MS6    | 6                  | 1.2 lb | \$8.80 |

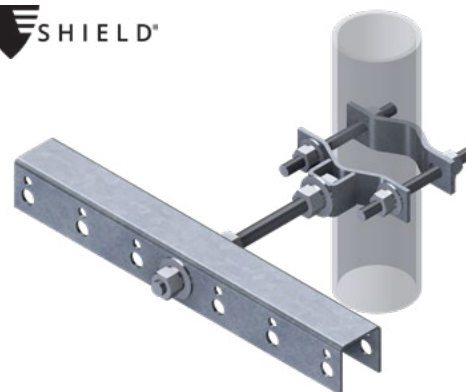


## PIM Mitigating Multi-Run Cable Support Kit

- Mounts to round legs
- Stands off less than 12"
- Hot-dip galvanized

| Part #   | # of Snap-In Holes | Round Member Size | Weight | Price   |
|----------|--------------------|-------------------|--------|---------|
| RRU-UT12 | 12                 | 1-1/2" – 3-1/2"   | 9.5 lb | \$50.25 |

PIM  SHIELD®



## PIM Mitigating T-Brackets

- Brackets are galvanized steel to avoid PIM issues with dissimilar metals
- Fit 2-3/8" to 4-1/2" OD legs
- Purchase 1/2" U-bolts separately (p. 156)
- Include holes for snap-in hangers and for 3/8" hardware

| Part # | # of Snap-In Holes | # of 7/16" Holes | Weight | Price   |
|--------|--------------------|------------------|--------|---------|
| UT4-FB | 4                  | 8                | 2.0 lb | \$20.35 |
| UT6-FB | 6                  | 14               | 2.3 lb | \$23.60 |
| UT8-FB | 8                  | 18               | 2.7 lb | \$24.30 |

PIM  SHIELD®



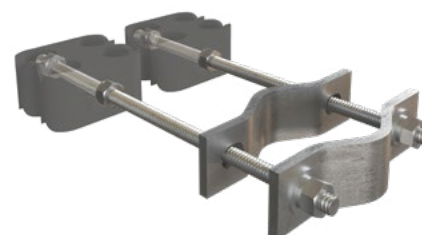
## PIM Mitigating Cable Block Brackets

**NEW**

PIM  SHIELD®

- For mounting cable blocks to round tower members
- Galvanized brackets and hardware
- Cable blocks purchased separately (p. 186)

| Part #  | Description               | Mounting Range      | U of M | Price   |
|---------|---------------------------|---------------------|--------|---------|
| ACP-PMB | Small Cable Block Bracket | 1-1/2" to 3-1/2" OD | Each   | \$18.40 |
| DCP-PMB | Large Cable Block Bracket | 3-1/2" to 6-5/8" OD | Each   | \$22.60 |



# STRUT

## Site-Strut

- 1-5/8" x 7/8" x 10' strut pre-punched with 3/4" holes to accept snap-ins
- 7/16" x 1-1/8" slots separate the snap-in holes
- Sold in 10' lengths; hot-dip galvanized
- 3" center-to-center spacing on matching holes



| Part # | Length | Weight | Price   |
|--------|--------|--------|---------|
| SNT10  | 10'    | 11 lb  | \$54.35 |

## Square Strut

- 1-5/8" x 1-5/8" heavy-duty 12 ga slotted square strut
- Available in electro galvanized, hot-dip galvanized, and stainless steel versions

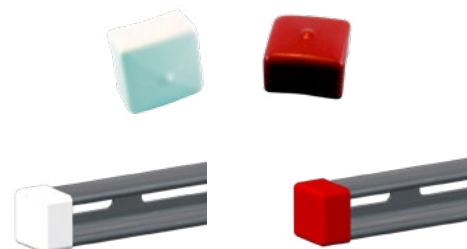


| Part #   | Length | Slot Size      | Spacing | Finish             | Weight | Price    |
|----------|--------|----------------|---------|--------------------|--------|----------|
| UNT5     | 5'     | 7/16" x 3"     | 4"      | Electro Galvanized | 8 lb   | \$53.00  |
| UNT10    | 10'    | 7/16" x 3"     | 4"      | Electro Galvanized | 16 lb  | \$105.00 |
| US10     | 10'    | 9/16" x 1-1/8" | 2"      | Electro Galvanized | 15 lb  | \$106.00 |
| US10-HDG | 10'    | 9/16" x 1-1/8" | 2"      | Hot-Dip Galvanized | 15 lb  | \$110.50 |
| US10-SS4 | 10'    | 9/16" x 1-1/8" | 2"      | Stainless Steel    | 17 lb  | \$151.00 |

## Rubber End Caps

- Molded rubber end caps for 1-5/8" x 1-5/8" and 1-5/8" x 7/8" strut

| Part # | Strut Size | Color | Weight  | Price  |
|--------|------------|-------|---------|--------|
| UNICAP | 1-5/8"     | White | 0.05 lb | \$3.75 |
| REDCAP | 1-5/8"     | Red   | 0.05 lb | \$3.75 |
| CAP78  | 7/8"       | White | 0.03 lb | \$1.63 |



## Waveguide Brackets

- Versatile heavy-duty brackets can be wall mounted or used on ladders, etc.
- 3/4" holes for snap-ins and 7/16" holes for 3/8" hardware
- Hot-dip galvanized
- 3" center-to-center spacing on matching holes



| Part # | Length  | # of 3/4" holes | Weight | Price   |
|--------|---------|-----------------|--------|---------|
| WG4    | 13-1/2" | 4               | 1.5 lb | \$10.25 |
| WG6    | 19-3/4" | 6               | 1.6 lb | \$11.95 |
| WG9    | 28-3/4" | 9               | 2.5 lb | \$18.25 |
| WG12   | 37-3/4" | 12              | 3.1 lb | \$19.25 |

## Spring Nuts

- Accept 3/8" hardware
- SP78 is electro-galvanized; SP158 is hot-dip galvanized

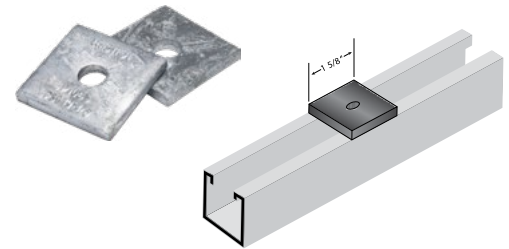
| Part # | Strut Size      | Weight | Price  |
|--------|-----------------|--------|--------|
| SP78   | 1-5/8" x 7/8"   | 0.1 lb | \$3.75 |
| SP158  | 1-5/8" x 1-5/8" | 0.1 lb | \$2.55 |



## Square Nuts

- Accepts 3/8" hardware
- Works with all 1-5/8" wide struts
- Hot-dip galvanized

| Part # | Strut Size | Weight | Price  |
|--------|------------|--------|--------|
| SQN1   | 1-5/8"     | 0.1 lb | \$4.00 |



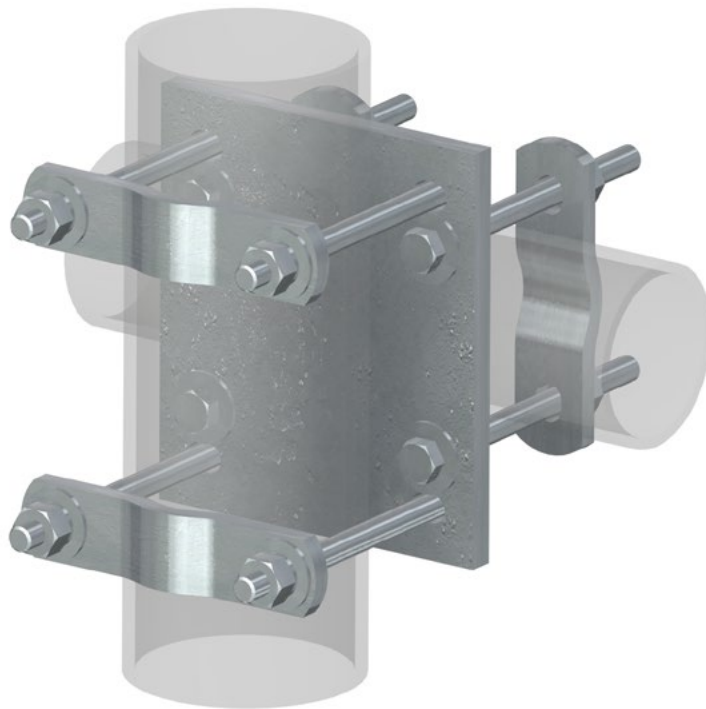
## Universal Square Rail Snap-In Support

- 304 stainless steel construction
- Snaps into 1-5/8" wide square rail or strut
- For use with standard or stackable snap-in hangers

| Part # | Description                 | U of M  | Weight | Price   |
|--------|-----------------------------|---------|--------|---------|
| ARA22  | Square Rail Snap-In Support | 10 pack | 0.8 lb | \$38.95 |



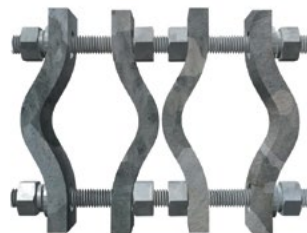
# HARDWARE



## Pipe-to-Pipe Clamp Sets

- Used for attaching pipes in parallel orientation
- All hardware included
- Hot-dip galvanized

| Part # | Pipe Size       | Clamp Thickness | Threaded Rod | Kit Quantity | Price    |
|--------|-----------------|-----------------|--------------|--------------|----------|
| ACP10K | 1-1/2" - 3-1/2" | 1/4"            | 1/2" x 10"   | Kit of 2     | \$69.55  |
| SCP10K | 1-1/2" - 3-1/2" | 1/2"            | 1/2" x 10"   | Kit of 2     | \$84.10  |
| DCP12K | 1-1/2" - 4"     | 1/2"            | 5/8" x 12"   | Kit of 2     | \$136.50 |
| DCP18K | 1-1/2" - 5"     | 1/2"            | 5/8" x 18"   | Kit of 2     | \$139.60 |



Kit includes 2 of the clamp set shown

## Welded Pipe-to-Pipe Clamp Set

- Used for attaching pipes in parallel orientation
- All hardware included
- Hot-dip galvanized

| Part # | Pipe Size       | Clamp Thickness | Threaded Rod | Kit Quantity | Price   |
|--------|-----------------|-----------------|--------------|--------------|---------|
| SCP10W | 1-1/2" - 3-1/2" | 1/2"            | 1/2" x 10"   | Kit of 2     | \$89.50 |



Kit includes 2 of the clamp set shown

## Universal Pipe-to-Pipe Clamp Sets

- Universal design allows attachment of pipes to pipes or angles
- Wide operating range insures that you will always have the right clamp set
- Taper adjustable
- Kits include upper and lower clamp sets

| Part # | Pipe Sizes      | Angle Sizes | Threaded Rods  | Kit Quantity | Price   |
|--------|-----------------|-------------|----------------|--------------|---------|
| UPC1   | 1-1/4" - 4-1/2" | 1-1/2" - 3" | (4) 1/2" x 20" | Kit of 2     | \$84.40 |

### Universal Adapter Clamp Sets

| Part # | Smaller Pipe<br>Smaller Angle  | Larger Pipe<br>Larger Angle | Threaded Rods  | Kit Quantity | Price    |
|--------|--------------------------------|-----------------------------|----------------|--------------|----------|
| UPC2   | 1-1/4" - 4-1/2"<br>1-1/2" - 3" | 1-1/4" - 10"<br>3" - 7"     | (8) 1/2" x 15" | Kit of 2     | \$107.10 |

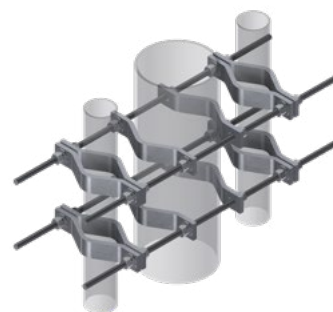




## Three-Way Pipe-to-Pipe Clamp Sets

- Used for attaching pipes in parallel fashion
- All hardware included
- Hot-dip galvanized

| Part #   | Pipe Size       | Clamp Thickness | Threaded Rod | Kit Quantity | Price    |
|----------|-----------------|-----------------|--------------|--------------|----------|
| 3WPP-DCP | 1-1/2" - 5"     | 1/2"            | 5/8" x 24"   | Kit of 2     | \$146.30 |
| 3WPP-MCP | 3-1/2" - 8-5/8" | 1/2"            | 5/8" x 36"   | Kit of 2     | \$202.95 |

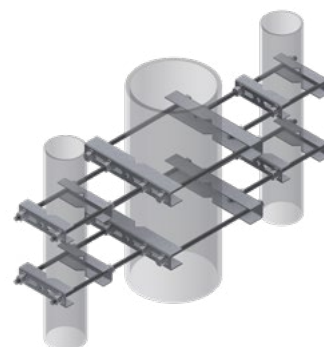


3WPP-MCP

## Three-Way Universal Pipe-to Pipe Clamp Set

- Used for attaching pipes in parallel fashion
- Accommodates pipe or square tube in center
- All hardware included
- Hot-dip galvanized

| Part #   | Side Pipes OD   | Center Pipe OD    | Threaded Rod | Kit Quantity | Price    |
|----------|-----------------|-------------------|--------------|--------------|----------|
| 3WPP-UPC | 1-1/4" - 4-1/2" | 1-1/4" - 10" Pipe | 1/2" x 15"   | Kit of 2     | \$185.40 |



## Crossover Plates

- Heavy-duty crossover plates are used to attach pipes in 90° fashion
- U-bolts sold separately (p. 156)
- Hot-dip galvanized



| Part # | Smaller Pipe Size | Larger Pipe Size | Size               | Quantity           | Price   |
|--------|-------------------|------------------|--------------------|--------------------|---------|
| SCX1   | 2-3/8"            | 2-3/8"           | 3/8" x 6" x 6"     | Each (No Hardware) | \$23.30 |
| SCX2   | 2-3/8" - 2-7/8"   | 2-3/8" - 2-7/8"  | 3/8" x 7" x 7"     | Each (No Hardware) | \$26.00 |
| SCX3   | 3-1/2"            | 3-1/2"           | 3/8" x 8" x 9"     | Each (No Hardware) | \$41.10 |
| SCX4   | 2-3/8" - 2-7/8"   | 2-7/8" - 4-1/2"  | 3/8" x 7" x 8-1/2" | Each (No Hardware) | \$32.55 |
| SCX6   | 2-3/8" - 2-7/8"   | 4-1/2" - 6-5/8"  | 1/2" x 7" x 11"    | Each (No Hardware) | \$44.15 |
| SCX7   | 3-1/2"            | 4-1/2"           | 1/2" x 7" x 8"     | Each (No Hardware) | \$50.75 |

## Crossover Plate Kits

- Heavy-duty crossover plate kits are used to attach pipes in 90° fashion
- U-bolts and hardware included
- Hot-dip galvanized



| Part #  | Smaller Pipe Size | Larger Pipe Size | Thickness | Quantity                      | Price   |
|---------|-------------------|------------------|-----------|-------------------------------|---------|
| SCX1-K  | 2-3/8"            | 2-3/8"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$40.45 |
| SCX2-K  | 2-3/8"            | 2-7/8"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$44.15 |
| SCX23-K | 2-7/8"            | 2-7/8"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$43.05 |
| SCX3-K  | 3-1/2"            | 3-1/2"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$47.05 |
| SCX43-K | 2-3/8"            | 3-1/2"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$48.65 |
| SCX4-K  | 2-3/8"            | 4-1/2"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$55.20 |
| SCX45-K | 2-7/8"            | 3-1/2"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$56.00 |
| SCX6-K  | 2-7/8"            | 4-1/2"           | 1/2"      | 1 Plate, 4 U-Bolts & Hardware | \$64.90 |
| SCX7-K  | 3-1/2"            | 4-1/2"           | 1/2"      | 1 Plate, 4 U-Bolts & Hardware | \$59.75 |
| SCX34-K | 4-1/2"            | 4-1/2"           | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$64.40 |

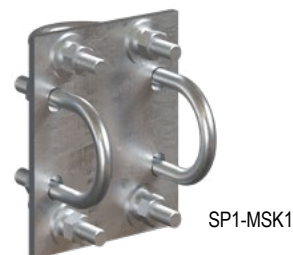
**NEW**

## HARDWARE

### Crossover Plate Kits **NEW**

- Used to attach pipes in 90° fashion
- U-bolts and hardware are included
- Hot-dip galvanized

| Part #   | Smaller Pipe Size | Larger Pipe Size | Thickness | Quantity                      | Price    |
|----------|-------------------|------------------|-----------|-------------------------------|----------|
| SP1-MSK1 | 2-3/8" - 2-7/8"   | 2-3/8" - 2-7/8"  | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$102.00 |
| SP1-MSK2 | 2-3/8" - 2-7/8"   | 3-1/2" - 4"      | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$104.00 |
| SP1-MSK5 | 2-3/8" - 2-7/8"   | 4" - 4-1/2"      | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$106.00 |



SP1-MSK1

### Universal Crossover Angle **NEW**

- This crossover angle kit is used to attach pipes in 90° fashion
- Hardware included
- Hot-dip galvanized

| Part # | Smaller Pipe Size | Larger Pipe Size | Thickness | Quantity                      | Price   |
|--------|-------------------|------------------|-----------|-------------------------------|---------|
| XA-U   | 1-1/2" - 3-1/2"   | 1-1/2" - 3-1/2"  | 1/4"      | 1 Angle, 2 Clamps, & Hardware | \$75.00 |



### Universal Pipe Adapter Kit **NEW**

- For use with angle rooftop frames
- Fits pipes 1-1/4" - 4" OD
- Kit includes eight formed plates and attaching hardware

| Part # | Description                | Weight | Price    |
|--------|----------------------------|--------|----------|
| UPA-K  | Universal Pipe Adapter Kit | 22 lb  | \$122.00 |



## Universal Crossover Plate Kits

- Accommodate the new sizes of antenna pipes being used today
- Universal feature removes any uncertainty in the field
- All hardware included
- Hot-dip galvanized



| Part #  | Smaller Pipe Size | Larger Pipe Size | Thickness (Hdw Size) | Quantity                       | Price    |
|---------|-------------------|------------------|----------------------|--------------------------------|----------|
| SCX6-U  | 1-1/2" to 2-7/8"  | 2-1/2" - 6"      | 1/2" (1/2")          | 1 Plate, 4 V-Clamps & Hardware | \$91.20  |
| SCX7-U  | 1-1/2" to 3-1/2"  | 1-1/2" to 4-1/2" | 1/2" (1/2")          | 1 Plate, 4 V-Clamps & Hardware | \$83.60  |
| SCX3-U  | 1-1/2" to 4-1/2"  | 1-1/2" to 4-1/2" | 3/8" (1/2")          | 1 Plate, 4 V-Clamps & Hardware | \$81.15  |
| FCX45-U | 1-1/2" - 4-1/2"   | 1-1/2" - 4-1/2"  | 3/8" (5/8")          | 1 Plate, 4 V-Clamps & Hardware | \$124.50 |

## Crossover Plate Kits for Square Tube/Pipe

- These kits are used to attach pipes to square tubes in 90° fashion
- U-bolts and hardware included
- Hot-dip galvanized

| Part #   | Pipe Size        | Square Tube Size | Thickness | Quantity                                               | Price   |
|----------|------------------|------------------|-----------|--------------------------------------------------------|---------|
| STCX43-K | 2-3/8"           | Up to 3"         | 3/8"      | Crossover Plate, 2-U-Bolts, 2 Bolts and Backing Plates | \$54.30 |
| STCX45-K | 2-7/8"           | Up to 3"         | 3/8"      | Crossover Plate, 2-U-Bolts, 2 Bolts and Backing Plates | \$54.50 |
| SQCX4-K  | 2-3/8" or 2-7/8" | 4"               | 3/8"      | 1 Plate, 4 U-Bolts, 2 Square U-Bolts, & Hardware       | \$61.40 |



STCX43-K



SQCX4-K

## Pipe/Angle Crossover Plate Kits

- Used for attaching pipes to angles in 90° fashion
- U-bolts and hardware included
- Hot-dip galvanized

| Part #   | Angle Size | Pipe Size | Thickness | Quantity                      | Price   |
|----------|------------|-----------|-----------|-------------------------------|---------|
| ACX238-K | 3" x 3"    | 2-3/8"    | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$67.10 |
| ACX278-K | 3" x 3"    | 2 7/8"    | 3/8"      | 1 Plate, 4 U-Bolts & Hardware | \$68.25 |



## HARDWARE

### Pipe Support Cross Plates

- Heavy-duty saddle design prevents pipe rotation
- U-bolts included
- Hot-dip galvanized

| Part #  | Smaller Pipe Size | Larger Pipe Size | Contents                       | Price    |
|---------|-------------------|------------------|--------------------------------|----------|
| SP219   | 2-3/8"            | 3-1/2"           | 1 Bracket, 4 U-bolts           | \$86.45  |
| SP219-H | 2-7/8"            | 3-1/2"           | 1 Bracket, 4 U-bolts           | \$89.80  |
| FCX45-U | 1-1/2" – 4-1/2"   | 1-1/2" – 4-1/2"  | 1 Plate, 4 V-Clamps & Hardware | \$124.50 |
| SP216   | 3-1/2"            | 4-1/2"           | 1 Bracket, 6 U-bolts           | \$146.80 |



SP216



SP219



FCX45-U

### Pipe/Square Tube Cross Support Plate

NEW

- Heavy-duty saddle attached to 4-1/2" OD vertical pipe
- Includes hardware to support square tube or pipe up to 3-1/2"
- All hardware included

| Part #   | Smaller Pipe/<br>Square Tube Size | Larger<br>Pipe Size | Contents                                                     | Price    |
|----------|-----------------------------------|---------------------|--------------------------------------------------------------|----------|
| SP216-CK | 7/8" to 3-1/2" OD                 | 4-1/2"              | 1 Bracket, 1 Crossover<br>Plate, 12 Bolts,<br>and 4 V-Clamps | \$205.50 |



### Crossover Clamp Sets

- Used for attaching similar or dissimilar sized pipes in 90° junction
- All hardware included
- Hot-dip galvanized

| Part # | Smaller Pipe Size | Larger Pipe Size | Price   |
|--------|-------------------|------------------|---------|
| SSCK   | 1-1/2" - 3-1/2"   | 1-1/2" - 3-1/2"  | \$46.05 |
| DSCK   | 1-1/2" - 3-1/2"   | 2-3/8" - 5"      | \$76.00 |

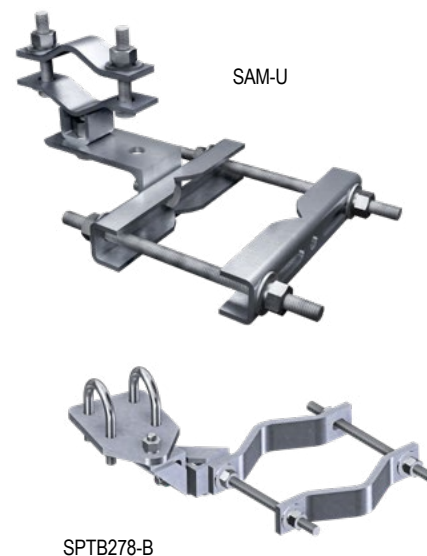


Kit includes one clamp set as shown

## Universal Stiff Arm Leg Attachment Kits

- Pivoting designs for ease of installation in even the most difficult applications
- Attach to round or angle members
- All hardware included

| Part #    | Application                                                                  | Stiff Arm Size | Weight | Price   |
|-----------|------------------------------------------------------------------------------|----------------|--------|---------|
| SAM-U     | 1" to 6" Round, 1" to 6" 60° Angles<br>1" to 4" 90° Angles                   | 2-3/8" OD      | 8.6 lb | \$64.40 |
| SPTB-B    | 1-1/2" to 8-5/8" Round, 1-1/2" to 8-1/2" 60° Angles, 1-1/2" to 6" 90° Angles | 2-3/8" OD      | 26 lb  | \$99.35 |
| SPTB278-B | 1-1/2" to 8-5/8" Round, 1-1/2" to 8-1/2" 60° Angles, 1-1/2" to 6" 90° Angles | 2-7/8" OD      | 26 lb  | \$92.70 |



## Universal Stiff Arm Sector Frame Attachment Kits

- Pivoting designs for ease of installation in even the most difficult applications
- Attach to round or angle members
- All hardware included

| Part #    | Application        | Stiff Arm Size | Weight | Price   |
|-----------|--------------------|----------------|--------|---------|
| SPTB-F    | 1-1/2" to 5" Round | 2-3/8" OD      | 16 lb  | \$52.05 |
| SPTB278-F | 1-1/2" to 5" Round | 2-7/8" OD      | 16 lb  | \$54.75 |



## Adjustable Clamp Plate Assembly

- Drop-forged design for increased strength and durability
- Hot-dip galvanized
- All hardware included
- Angle adjusts from 40° to 140°

| Part # | Application       | Weight | Price   |
|--------|-------------------|--------|---------|
| PUCK   | 7/8" to 3-1/2" OD | 6.2 lb | \$54.10 |

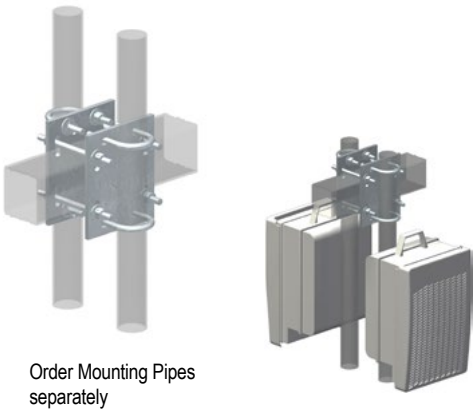




Back-to-Back Pipe Mount Kits

- Simple way to add RRU's to a monopole stand-off arm
- Provide back-to-back pipes, useful for RRU mounting
- BBPM-U uses clamp halves for universal pipe sizes
- Order mounting pipes separately (p. 154)

| Part #  | Pipe Sizes      | Stand-off Arms  | Weight | Price    |
|---------|-----------------|-----------------|--------|----------|
| BBPM-K1 | 2-3/8"          | 3-1/2"- 4-1/2"  | 18 lb  | \$94.00  |
| BBPM-K2 | 2-7/8"          | 3-1/2"- 4-1/2"  | 18 lb  | \$96.00  |
| BBPM-K3 | 2-3/8"          | 3-1/2"- 6"      | 39 lb  | \$100.00 |
| BBPM-U  | 2-3/8" - 4-1/2" | 2-3/8" - 4-1/2" | 26 lb  | \$137.00 |



Clamp Halves

- Used in many of our kits, these are versatile parts that can be problem solvers in the field
- Hot-dip galvanized



| Part # | Overall Size | Hardware Size | Hole Size    | Hole Spacing (c-to-c) | Thickness | Price   |
|--------|--------------|---------------|--------------|-----------------------|-----------|---------|
| ACP    | 5-3/4"       | 1/2"          | 9/16" x 3/4" | 4-1/16"               | 1/4"      | \$6.05  |
| SCP    | 5-3/4"       | 1/2"          | 9/16" x 3/4" | 4-1/16"               | 1/2"      | \$10.25 |
| DCP    | 8-1/8"       | 5/8"          | 11/16" x 1"  | 5-3/4"                | 1/2"      | \$17.00 |
| MCP    | 11-5/8"      | 5/8"          | 11/16" x 1"  | 9-1/2"                | 1/2"      | \$19.85 |

## V-Clamp Halves

- Used in many of our kits, these are versatile parts that can be problem solvers in the field
- Hot-dip galvanized



| Part #   | Overall Size | Hardware Size | Hole Size    | Hole Spacing (c-to-c) | Thickness | Price   |
|----------|--------------|---------------|--------------|-----------------------|-----------|---------|
| X-116165 | 5"           | 1/2"          | 9/16" x 3/4" | 3"                    | 3/8"      | \$9.40  |
| X-100064 | 6"           | 1/2"          | 9/16" x 3/4" | 4"                    | 3/8"      | \$10.40 |
| X-115765 | 7"           | 1/2"          | 9/16" x 3/4" | 5"                    | 3/8"      | \$16.20 |
| X-104223 | 8-5/8"       | 1/2"          | 9/16" x 3/4" | 6-5/8"                | 3/8"      | \$18.80 |

## Heavy-Duty Clip Angles

- Used for attaching steel components such as ice bridge sections, etc.
- Available for 3/8" and 1/2" hardware
- Slotted holes allow use in a wide range of applications
- Hot-dip galvanized steel



| Part # | Hardware Size | Slot Size      | Dimensions          | Price  |
|--------|---------------|----------------|---------------------|--------|
| CA38   | 3/8"          | 7/16" x 1-1/2" | 3" x 3" x 2" x 1/4" | \$5.70 |
| CA12   | 1/2"          | 9/16" x 1-1/2" | 3" x 3" x 2" x 1/4" | \$6.10 |

## Light-Duty Clip Angles

- Real problem solvers; we use them in our rooftop cable kits, you can use them to support wires, brackets, sheet metal, etc.
- Available in long and short versions
- Slotted holes allow use in a wide range of applications
- Hot-dip galvanized steel



| Part #  | Description | Slot Size      | Dimensions              | Price  |
|---------|-------------|----------------|-------------------------|--------|
| RCCLIP  | Short Clip  | 7/16" x 1-1/4" | 3" x 3" x 2" x 12 ga    | \$3.63 |
| RCCLIP2 | Long Clip   | 7/16" x 1-1/4" | 3" x 7-1/2" x 2" x 9 ga | \$6.60 |

## Universal Heavy Splice

- Real problem solvers; we use them in our cable ladder kits and ice bridges, you can use them to support wires, brackets, wall mounts, backing plates, etc.
- Slotted holes allow use in a wide range of applications
- Hot-dip galvanized steel



| Part # | Slot Size  | Dimensions      | Thickness | Price  |
|--------|------------|-----------------|-----------|--------|
| SPLICE | 7/16" x 2" | 1-1/2" x 7-3/8" | 3/16"     | \$4.07 |

## Bulk Pipe

- Plain-end hot-dip galvanized pipe
- ASTM A53 Grade B Schedule 40 or Schedule 80
- Other sizes available, please inquire



| Part #      | Length | OD x Length (in) | Price      |
|-------------|--------|------------------|------------|
| Schedule 40 |        |                  |            |
| P260        | 5'-0"  | 2-3/8" x 60"     | \$74.00    |
| P263        | 5'-3"  | 2-3/8" x 63"     | \$78.00    |
| P272        | 6'-0"  | 2-3/8" x 72"     | \$89.00    |
| P284        | 7'-0"  | 2-3/8" x 84"     | \$104.00   |
| P296        | 8'-0"  | 2-3/8" x 96"     | \$120.00   |
| P2108       | 9'-0"  | 2-3/8" x 108"    | \$134.00   |
| P2120       | 10'-0" | 2-3/8" x 120"    | \$149.00   |
| P2126       | 10'-6" | 2-3/8" x 126"    | \$153.00   |
| P2150       | 12'-6" | 2-3/8" x 150"    | \$182.00   |
| P2174       | 14'-6" | 2-3/8" x 174"    | \$211.00   |
| P2252       | 21'-0" | 2-3/8" x 252"    | \$306.00   |
| P3072       | 6'-0"  | 2-7/8" x 72"     | \$143.00   |
| P3084       | 7'-0"  | 2-7/8" x 84"     | \$167.00   |
| P3096       | 8'-0"  | 2-7/8" x 96"     | \$191.00   |
| P30108      | 9'-0"  | 2-7/8" x 108"    | \$211.00   |
| P30120      | 10'-0" | 2-7/8" x 120"    | \$234.00   |
| P30126      | 10'-6" | 2-7/8" x 126"    | \$245.00   |
| P30150      | 12'-6" | 2-7/8" x 150"    | \$292.00   |
| P30174      | 14'-6" | 2-7/8" x 174"    | \$338.00   |
| P30252      | 21'-0" | 2-7/8" x 252"    | \$490.00   |
| P360        | 5'-0"  | 3-1/2" x 60"     | \$182.00   |
| P372        | 6'-0"  | 3-1/2" x 72"     | \$218.00   |
| P384        | 7'-0"  | 3-1/2" x 84"     | \$255.00   |
| P396        | 8'-0"  | 3-1/2" x 96"     | \$290.00   |
| P3150       | 12'-6" | 3-1/2" x 150"    | \$445.00   |
| P3160       | 13'-4" | 3-1/2" x 160"    | \$475.00   |
| P3174       | 14'-6" | 3-1/2" x 174"    | \$516.00   |
| P3216       | 18'-0" | 3-1/2" x 216"    | \$642.00   |
| P3252       | 21'-0" | 3-1/2" x 252"    | \$748.00   |
| P472        | 6'-0"  | 4-1/2" x 72"     | \$278.00   |
| P4126       | 10'-6" | 4-1/2" x 126"    | \$476.00   |
| P4252       | 21'-0" | 4-1/2" x 252"    | \$952.00   |
| Schedule 80 |        |                  |            |
| P2252-80    | 21'    | 2-1/2" x 252"    | \$420.00   |
| P30126-80   | 10'-6" | 2-7/8" x 126"    | \$390.00   |
| P30252-80   | 21'    | 2-7/8" x 252"    | \$740.00   |
| P3252-80    | 21'    | 3-1/2" x 252"    | \$1,410.00 |



## Bulk Angle

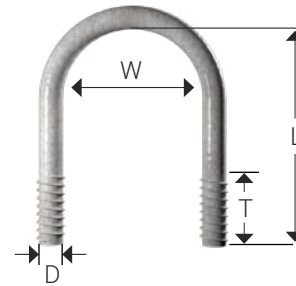
- 20' lengths of hot-dip galvanized angle
- Available in 36 ksi or 50 ksi



| Part #       | Size                 | Grade  | Price    |
|--------------|----------------------|--------|----------|
| ANG214       | 2" x 2" x 1/4" x 20' | 36 ksi | \$425.00 |
| ANG314       | 3" x 3" x 1/4" x 20' | 36 ksi | \$585.00 |
| ANG414       | 4" x 4" x 1/4" x 20' | 36 ksi | \$720.00 |
| ANG214-20-50 | 2" x 2" x 1/4" x 20' | 50 ksi | \$515.00 |
| ANG314-20-50 | 3" x 3" x 1/4" x 20' | 50 ksi | \$700.00 |
| ANG414-20-50 | 4" x 4" x 1/4" x 20' | 50 ksi | \$960.00 |

## U-Bolts and Square U-Bolts

- Kits includes U-bolt, two nuts, two lock washers, and two flat washers
- Long thread lengths
- Hot-dip galvanized
- SAE J429 GR-5 for 5/8" diameter. All others SAE J429 GR-2.
- BUCKETS: Add "-B" to end of part #



### U-Bolts

| Part # | Diameter (D) | Width (W) | Length (L) | Thread (T) | Each    | Bucket             |
|--------|--------------|-----------|------------|------------|---------|--------------------|
| UB3200 | 3/8"         | 2"        | 3"         | 1-1/4"     | \$3.20  | \$295.00 (100 pcs) |
| UB3212 | 3/8"         | 2-1/2"    | 3-5/8"     | 1-3/4"     | \$3.20  | \$295.00 (100 pcs) |
| UB3300 | 3/8"         | 3"        | 4-1/4"     | 2"         | \$3.75  | \$345.00 (100 pcs) |
| UB3312 | 3/8"         | 3-1/2"    | 4-3/4"     | 2"         | \$3.95  | \$364.00 (100 pcs) |
| UB3418 | 3/8"         | 4"        | 5-3/4"     | 2-1/2"     | \$5.03  | \$463.00 (100 pcs) |
| UB1400 | 1/2"         | 2"        | 4"         | 2"         | \$5.55  | \$510.00 (100 pcs) |
| UB1212 | 1/2"         | 2-1/2"    | 4-1/2"     | 2"         | \$5.15  | \$474.00 (100pcs)  |
| UB1300 | 1/2"         | 3"        | 5"         | 2"         | \$5.51  | \$254.00 (50 pcs)  |
| UB1358 | 1/2"         | 3-5/8"    | 5-1/2"     | 3"         | \$6.85  | \$315.00 (50 pcs)  |
| UB1306 | 1/2"         | 3-5/8"    | 6"         | 3"         | \$8.20  | \$377.00 (50 pcs)  |
| UB1418 | 1/2"         | 4-1/8"    | 6"         | 3"         | \$7.70  | \$177.00 (25 pcs)  |
| UB1458 | 1/2"         | 4-5/8"    | 7"         | 3"         | \$8.15  | \$188.00 (25 pcs)  |
| UB5258 | 5/8"         | 2-5/8"    | 4-1/2"     | 2"         | \$8.60  | \$198.00 (25 pcs)  |
| UB5300 | 5/8"         | 3"        | 5-1/4"     | 2-1/2"     | \$9.05  | \$209.00 (25 pcs)  |
| UB5358 | 5/8"         | 3-5/8"    | 6"         | 3"         | \$10.60 | \$244.00 (25 pcs)  |
| UB5418 | 5/8"         | 4-1/8"    | 7"         | 3"         | \$18.20 | \$419.00 (25 pcs)  |
| UB5458 | 5/8"         | 4-5/8"    | 7"         | 3"         | \$11.50 | \$265.00 (25 pcs)  |

### Square U-Bolt

| Part #  | Diameter (D) | Width (W) | Length (L) | Thread (T) | Each    | Bucket            |
|---------|--------------|-----------|------------|------------|---------|-------------------|
| SUB1418 | 1/2"         | 4-1/8"    | 6"         | 3"         | \$12.33 | \$284.00 (25 pcs) |

## J-Bolts

- Kit includes J-bolt, nut, lock washer, and flat washer
- Long thread length
- Hot-dip galvanized

| Part # | Diameter x Width x Length x Thread (T) | Price  |
|--------|----------------------------------------|--------|
| JB8    | 3/8" x 5/8" x 8" x 6"                  | \$4.10 |



## Stainless Steel Threaded Rod Kits

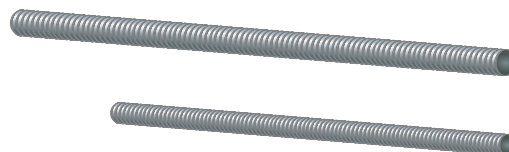
- 3/8" stainless steel construction for corrosion resistance and ease of use
- Highest quality 304 series stainless steel
- Each kit contains 10 threaded rods, 30 flat washers, 30 lock washers, and 30 nuts



| Part # | Rod           | Kit Components                                     | Price   |
|--------|---------------|----------------------------------------------------|---------|
| CH35   | 3/8" x 3-1/2" | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$30.95 |
| CH50   | 3/8" x 5"     | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$39.40 |
| CH65   | 3/8" x 6-1/2" | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$44.80 |
| CH80   | 3/8" x 8"     | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$50.50 |
| CH95   | 3/8" x 9-1/2" | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$57.25 |
| CH120  | 3/8" x 12"    | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$69.95 |

## Stainless Steel Threaded Rods

- Available in cut lengths or 6' sections
- Sold individually



| Part #   | Diameter | Length | Type                | Price   |
|----------|----------|--------|---------------------|---------|
| SS38R-18 | 3/8"     | 18"    | 304 Stainless Steel | \$9.60  |
| SS38R-30 | 3/8"     | 30"    | 304 Stainless Steel | \$18.20 |
| SS38R-36 | 3/8"     | 36"    | 304 Stainless Steel | \$16.80 |
| SS38R-72 | 3/8"     | 72"    | 304 Stainless Steel | \$25.50 |
| SS12R-72 | 1/2"     | 72"    | 304 Stainless Steel | \$41.95 |
| SS58R-72 | 5/8"     | 72"    | 304 Stainless Steel | \$66.00 |



## Galvanized Threaded Rod Kits

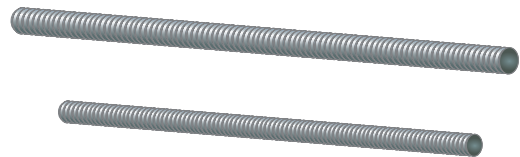
- 3/8" galvanized rods
- Each kit contains 10 threaded rods, 30 flat washers, 30 lock washers, and 30 nuts



| Part #  | Rod           | Kit Components                                     | Price   |
|---------|---------------|----------------------------------------------------|---------|
| CH65-G  | 3/8" x 6-1/2" | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$25.03 |
| CH80-G  | 3/8" x 8"     | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$30.65 |
| CH95-G  | 3/8" x 9-1/2" | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$36.80 |
| CH120-G | 3-8" x 12"    | 10 Rods, 30 each Nuts, Lock Washers & Flat Washers | \$42.45 |

## Galvanized Threaded Rods

- Available in cut lengths or 6' sections
- Meet SAE J429 Grade 2



| Part #  | Diameter | Length | Type               | Price   |
|---------|----------|--------|--------------------|---------|
| G38R-12 | 3/8"     | 12"    | Hot-Dip Galvanized | \$2.28  |
| G38R-72 | 3/8"     | 72"    | Hot-Dip Galvanized | \$19.00 |
| G12R-6  | 1/2"     | 6"     | Hot-Dip Galvanized | \$2.78  |
| G12R-8  | 1/2"     | 8"     | Hot-Dip Galvanized | \$3.19  |
| G12R-10 | 1/2"     | 10"    | Hot-Dip Galvanized | \$4.30  |
| G12R-12 | 1/2"     | 12"    | Hot-Dip Galvanized | \$5.05  |
| G12R-20 | 1/2"     | 20"    | Hot-Dip Galvanized | \$6.70  |
| G12R-24 | 1/2"     | 24"    | Hot-Dip Galvanized | \$7.20  |
| G12R-72 | 1/2"     | 72"    | Hot-Dip Galvanized | \$19.20 |
| G58R-8  | 5/8"     | 8"     | Hot-Dip Galvanized | \$5.50  |
| G58R-10 | 5/8"     | 10"    | Hot-Dip Galvanized | \$5.75  |
| G58R-12 | 5/8"     | 12"    | Hot-Dip Galvanized | \$6.65  |
| G58R-14 | 5/8"     | 14"    | Hot-Dip Galvanized | \$7.95  |
| G58R-18 | 5/8"     | 18"    | Hot-Dip Galvanized | \$10.97 |
| G58R-24 | 5/8"     | 24"    | Hot-Dip Galvanized | \$21.20 |
| G58R-48 | 5/8"     | 48"    | Hot-Dip Galvanized | \$41.50 |
| G58R-72 | 5/8"     | 72"    | Hot-Dip Galvanized | \$35.10 |
| G34R-72 | 3/4"     | 72"    | Hot-Dip Galvanized | \$39.50 |

## Threaded Rod Anchors

- Used to attach 3/8" threaded rod to wall or ceiling
- Can be used in concrete, brick, block, or stone
- Zinc Climaseal finish

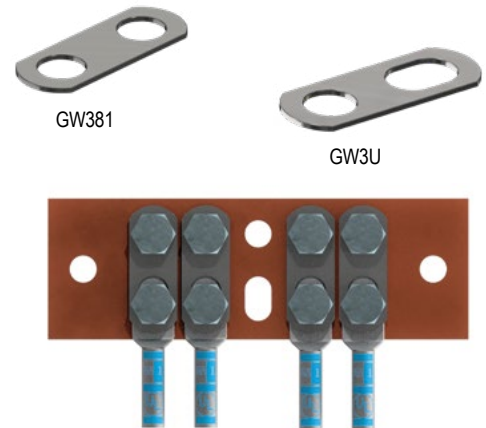
| Part #  | Diameter | Length | U of M    | Weight | Price    |
|---------|----------|--------|-----------|--------|----------|
| 8059957 | 5/16"    | 1-3/4" | Box of 25 | 1.5 lb | \$102.50 |



## Ground Lug Washers

- Eliminate problems of overlapping washers on bus bars
- Provide evenly spread clamping force on lug
- No more grinding washers or skipping holes on bus bars
- GW381 works with 3/8" studs on 1" centers; GW3U works with 3/8" studs with 3/4" to 1" spacing
- 300 series stainless steel for ultimate corrosion resistance
- Sold in packs of 10

| Part # | Stud Size | Hole Spacing | U of M  | Price  |
|--------|-----------|--------------|---------|--------|
| GW381  | 3/8"      | 1"           | 10 pack | \$7.50 |
| GW3U   | 3/8"      | 3/4" - 1"    | 10 pack | \$8.80 |



## Adapter Washer

- Converts a 3/4" snap-in hole to a 3/8" threaded hole
- 304 stainless steel

| Part # | Quantity | Price   |
|--------|----------|---------|
| ASN38  | 10 pack  | \$12.85 |



## Hardware Kits

- Stainless steel fillister head screws with nuts and lock washers  
(1/2" kit does not include nuts)
- Use for attaching bolt-on style hangers

| Part # | Screw Size  | U of M  | Weight | Price   |
|--------|-------------|---------|--------|---------|
| SW5    | 3/8" x 1/2" | 10 pack | 0.4 lb | \$10.40 |
| SW75   | 3/8" x 3/4" | 10 pack | 0.6 lb | \$12.85 |
| SW1    | 3/8" x 1"   | 10 pack | 0.7 lb | \$13.35 |



## Stainless Hex Head Bolts

| Part #  | Size          | Quantity | Price    |
|---------|---------------|----------|----------|
| SS1401  | 1/4" x 1"     | 100      | \$21.80  |
| SS14114 | 1/4" x 1-1/4" | 100      | \$32.80  |
| SS3858  | 3/8" x 5/8"   | 100      | \$41.20  |
| SS3834  | 3/8" x 3/4"   | 100      | \$49.50  |
| SS3801  | 3/8" x 1"     | 100      | \$57.35  |
| SS38114 | 3/8" x 1-1/4" | 100      | \$59.05  |
| SS38112 | 3/8" x 1-1/2" | 100      | \$63.65  |
| SS3802  | 3/8" x 2"     | 100      | \$118.80 |

- 18-8 stainless steel
- All bolts are fully threaded



## Stainless Hex Nuts

| Part #      | Size | Quantity | Price   |
|-------------|------|----------|---------|
| SS14NUT-100 | 1/4" | 100      | \$10.10 |
| SS14NUT     | 1/4" | 1000     | \$89.00 |
| SS38NUT-100 | 3/8" | 100      | \$28.70 |
| SS38NUT     | 3/8" | 500      | \$91.70 |

- 18-8 stainless steel



## Stainless Lock Washers

| Part #     | Size | Quantity | Price   |
|------------|------|----------|---------|
| SS14LW-100 | 1/4" | 100      | \$7.80  |
| SS14LW     | 1/4" | 1000     | \$56.00 |
| SS38LW-100 | 3/8" | 100      | \$15.40 |
| SS38LW     | 3/8" | 500      | \$61.40 |

- 18-8 stainless steel



## Stainless Flat Washers

| Part #        | Size | OD   | Quantity | Price   |
|---------------|------|------|----------|---------|
| SS14FW-100    | 1/4" | 5/8" | 100      | \$7.10  |
| SS14FW        | 1/4" | 5/8" | 1000     | \$55.50 |
| SS38FW-100    | 3/8" | 7/8" | 100      | \$10.30 |
| SS38FW        | 3/8" | 7/8" | 500      | \$41.20 |
| SS38FW-SM-100 | 3/8" | 5/8" | 100      | \$9.90  |
| SS38FW-SM     | 3/8" | 5/8" | 500      | \$41.15 |

- 18-8 stainless steel



## Stainless Tek Screws

- Hex washer head self-drilling screws

| Part # | Size         | Quantity | Price    |
|--------|--------------|----------|----------|
| ST1058 | #10 x 5/8"   | 500      | \$116.70 |
| ST1114 | #10 x 1-1/4" | 100      | \$30.40  |



## Wedge Anchors

- Galvanized or 304 stainless steel

| Part # | Size          | Finish          | Quantity | Price   |
|--------|---------------|-----------------|----------|---------|
| SWA382 | 3/8" x 2-3/4" | Stainless Steel | Each     | \$3.50  |
| SWA383 | 3/8" x 3-3/4" | Stainless Steel | Each     | \$3.75  |
| SWA123 | 1/2" x 3-3/4" | Stainless Steel | Each     | \$8.50  |
| SWA585 | 5/8" x 5"     | Stainless Steel | Each     | \$13.40 |
| GWA123 | 1/2" x 3-3/4" | Galvanized      | Each     | \$4.25  |
| GWA124 | 1/2" x 4-1/2" | Galvanized      | Each     | \$4.50  |
| GWA125 | 1/2" x 5-1/2" | Galvanized      | Each     | \$4.75  |
| GWA585 | 5/8" x 5"     | Galvanized      | Each     | \$10.75 |
| GWA586 | 5/8" x 6"     | Galvanized      | Each     | \$10.75 |



## A325 Hex Bolts

- Galvanized
- BUCKETS: Add "-B" to end of part number

| Part #  | Size          | Type | Thread Length | Price  | Bucket             |
|---------|---------------|------|---------------|--------|--------------------|
| A1202   | 1/2" x 2"     | A325 | 1"            | \$1.47 | \$245.00 (175 pcs) |
| A1205   | 1/2" x 5"     | A325 | 1"            | \$6.44 | \$429.00 (70 pcs)  |
| A5802   | 5/8" x 2"     | A325 | 1-1/4"        | \$1.37 | \$131.00 (100 pcs) |
| A582114 | 5/8" x 2-1/4" | A325 | 1-1/4"        | \$1.80 | \$171.00 (100 pcs) |
| A582112 | 5/8" x 2-1/2" | A325 | 1-1/4"        | \$1.97 | \$187.00 (100 pcs) |
| A58234  | 5/8" x 2-3/4" | A325 | 1-1/4"        | \$2.20 | \$209.00 (100 pcs) |
| A34214  | 3/4" x 2-1/4" | A325 | 1-3/8"        | \$3.46 | \$230.00 (70 pcs)  |
| A34212  | 3/4" x 2-1/2" | A325 | 1-3/8"        | \$3.74 | \$249.00 (70 pcs)  |
| A34234  | 3/4" x 2-3/4" | A325 | 1-3/8"        | \$4.93 | \$235.00 (50 pcs)  |
| A3405   | 3/4" x 5"     | A325 | 1-3/8"        | \$6.44 | \$306.00 (50 pcs)  |



## Grade 5 Hex Bolts

- Galvanized
- BUCKETS: Add "-B" to end of part number



| Part # | Size          | Type    | Thread Length | Price   | Bucket              |
|--------|---------------|---------|---------------|---------|---------------------|
| G38114 | 3/8" x 1-1/4" | Grade 5 | Full Thread   | \$0.38  | \$163.00 (450 pcs)  |
| G38112 | 3/8" x 1-1/2" | Grade 5 | Full Thread   | \$0.43  | \$184.00 (450 pcs)  |
| G3802  | 3/8" x 2"     | Grade 5 | Full Thread   | \$0.55  | \$157.00 (300 pcs)  |
| G38212 | 3/8" x 2-1/2" | Grade 5 | Full thread   | \$0.67  | \$160.00 (250 pcs)  |
| G3803  | 3/8" x 3"     | Grade 5 | Full Thread   | \$0.80  | \$152.00 (200 pcs)  |
| G3804  | 3/8" x 4"     | Grade 5 | Full Thread   | \$1.42  | \$169.00 (125 pcs)  |
| G1201  | 1/2" x 1"     | Grade 5 | Full Thread   | \$0.77  | \$220.00 (300 pcs)  |
| G12112 | 1/2" x 1-1/2" | Grade 5 | Full Thread   | \$0.72  | \$120.00 (175 pcs)  |
| G1202  | 1/2" X 2"     | Grade 5 | Full Thread   | \$0.91  | \$152.00 (175 pcs)  |
| G12212 | 1/2" X 2-1/2" | Grade 5 | Full Thread   | \$1.24  | \$118.00 (100 pcs)  |
| G1203  | 1/2" X 3"     | Grade 5 | Full Thread   | \$1.27  | \$121.00 (100 pcs)  |
| G1204  | 1/2" X 4"     | Grade 5 | Full Thread   | \$1.85  | \$132.00 (75 pcs)   |
| G12045 | 1/2" x 4-1/2" | Grade 5 | Full Thread   | \$2.15  | \$154.00 (75 pcs)   |
| G1205  | 1/2" X 5"     | Grade 5 | Full Thread   | \$2.43  | \$162.00 (70 pcs)   |
| G12065 | 1/2" X 6-1/2" | Grade 5 | Full Thread   | \$2.93  | \$195.00 (70 pcs)   |
| G1208  | 1/2" x 8"     | Grade 5 | Full Thread   | \$11.90 | \$283.00 (25 pcs)   |
| G58112 | 5/8" x 1-1/2" | Grade 5 | Full Thread   | \$1.11  | \$106.00 (100 pcs)  |
| G58134 | 5/8" x 1-3/4" | Grade 5 | Full Thread   | \$1.38  | \$132.00 (100 pcs)  |
| G5802  | 5/8" X 2"     | Grade 5 | Full Thread   | \$1.68  | \$160.00 (100 pcs)  |
| G58312 | 5/8" x 3-1/2" | Grade   | Full Thread   | \$3.24  | \$308.00 (100 pcs)  |
| G5804  | 5/8" x 4"     | Grade 5 | Full Thread   | \$2.98  | \$199.00 (70 pcs)   |
| G5806  | 5/8" x 6"     | Grade 5 | Full Thread   | \$19.95 | \$950.00 (50 pcs)   |
| G5807  | 5/8" x 7"     | Grade 5 | Full Thread   | \$44.00 | \$1,045.00 (25 pcs) |

## Galvanized Heavy Hex Nuts

- BUCKETS: Add "-B" to end of part #

| Part # | Size | Type     | Price  | Buckets            |
|--------|------|----------|--------|--------------------|
| G38NUT | 3/8" | 2H Heavy | \$0.43 | \$162.00 (500 pcs) |
| G12NUT | 1/2" | 2H Heavy | \$0.52 | \$221.00 (500 pcs) |
| G58NUT | 5/8" | 2H Heavy | \$0.73 | \$117.00 (200 pcs) |
| A58NUT | 5/8" | 2H Heavy | \$1.07 | \$204.00 (200 pcs) |
| G34NUT | 3/4" | 2H Heavy | \$1.15 | \$98.00 (100 pcs)  |
| A34NUT | 3/4" | 2H Heavy | \$1.43 | \$136.00 (100 pcs) |
| G1NUT  | 1"   | 2H Heavy | \$2.80 | \$119.00 (50 pcs)  |



## Galvanized Lock Washers

- BUCKETS: Add "-B" to end of part #

| Part # | Size | Price  | Buckets              |
|--------|------|--------|----------------------|
| G38LW  | 3/8" | \$0.16 | \$300.00 (2,500 pcs) |
| G12LW  | 1/2" | \$0.21 | \$179.00 (1,000 pcs) |
| G58LW  | 5/8" | \$0.31 | \$199.00 (800 pcs)   |
| G34LW  | 3/4" | \$0.60 | \$204.00 (400 pcs)   |
| G1LW   | 1"   | \$1.35 | \$115.00 (100 pcs)   |



## Galvanized Flat Washers

- BUCKETS: Add "-B" to end of part #

| Part # | Size | Type | Price  | Buckets              |
|--------|------|------|--------|----------------------|
| G38FW  | 3/8" | USS  | \$0.16 | \$180.00 (1,500 pcs) |
| G12FW  | 1/2" | USS  | \$0.27 | \$115.00 (500 pcs)   |
| G58FW  | 5/8" | USS  | \$0.45 | \$144.00 (400 pcs)   |
| A58FW  | 5/8" | A325 | \$0.63 | \$205.00 (400 pcs)   |
| G34FW  | 3/4" | USS  | \$0.72 | \$153.00 (250 pcs)   |
| G1FW   | 1"   | USS  | \$1.29 | \$102.00 (100 pcs)   |





## HARDWARE

### Galvanized Square Washers

- BUCKETS: Add "-B" to end of part #

| Part # | Hole Size (nominal) | Size           | Price  | Buckets            |
|--------|---------------------|----------------|--------|--------------------|
| SQW38  | 3/8"                | 1/4" x 2" x 2" | \$1.92 | \$231.00 (150 pcs) |
| SQW12  | 1/2"                | 1/4" x 2" x 2" | \$2.01 | \$242.00 (150 pcs) |



### Galvanized Backing Plates

| Part # | Hole Size | Size           | Price   |
|--------|-----------|----------------|---------|
| BP4    | 3/4"      | 1/4" x 4" x 4" | \$8.05  |
| BP6    | 3/4"      | 1/4" x 6" x 6" | \$11.85 |



### Select™ Screw Pin Shackles

- Hot-dip galvanized construction
- Meet Federal Specifications RR-C-271D, Type IVA, Grade A, Class 2
- BUCKETS: Add "-B" to end of part #

| Part # | Size            | Price  | Buckets            |
|--------|-----------------|--------|--------------------|
| SHK14  | 1/4" (1/2 Ton)  | \$4.01 | \$682.00 (200 pcs) |
| SHK516 | 5/16" (3/4 Ton) | \$3.73 | \$238.00 (75 pcs)  |
| SHK38  | 3/8" (1 Ton)    | \$5.56 | \$355.00 (75 pcs)  |



### Post Caps

| Part # | Size            | Price   |
|--------|-----------------|---------|
| PC238  | 2-3/8" OD Pipe  | \$8.15  |
| PC278  | 2-7/8" OD Pipe  | \$9.40  |
| PC312  | 3-1/2" OD Pipe  | \$12.50 |
| PC412  | 4-1/2" Pipe Cap | \$14.30 |



# SAFETY CLIMBS

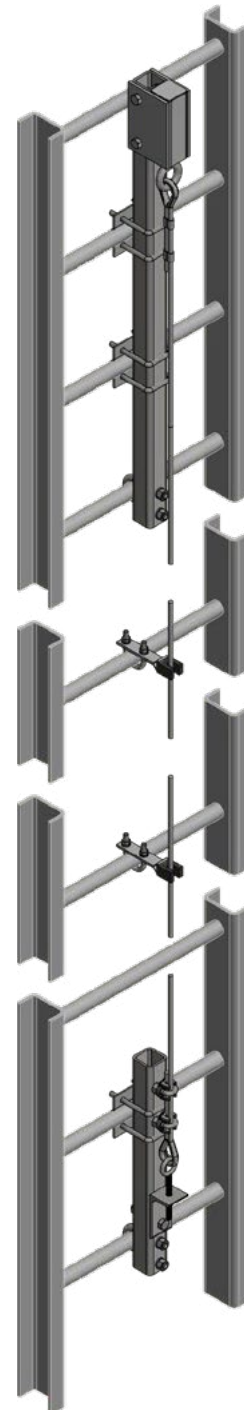


## Universal Ladder Mount Safe Climb Systems

- Attach to safety climb ladders or climb face (guyed) towers
- Sealed anchor head with impact attenuator
- Permanently secured forged eye-bolt
- Permanently swaged cable sleeves
- Adjustable clamp brackets
- Cable stand-offs for every 25'
- 3/8" galvanized or stainless steel wire rope
- Removable cable clamps and thimble
- Adjustable anchor eye-bolt
- Complete kits; include all hardware
- Conform to OSHA Specification & ANSI Recommendations



| PART #     | Cable Length | Cable Type      | Price      |
|------------|--------------|-----------------|------------|
| LSC-50-G   | 50'          | Galvanized      | \$670.00   |
| LSC-50-SS  | 50'          | Stainless Steel | \$775.00   |
| LSC-100-G  | 100'         | Galvanized      | \$850.00   |
| LSC-100-SS | 100'         | Stainless Steel | \$1,050.00 |
| LSC-150-G  | 150'         | Galvanized      | \$1,035.00 |
| LSC-150-SS | 150'         | Stainless Steel | \$1,335.00 |
| LSC-200-G  | 200'         | Galvanized      | \$1,220.00 |
| LSC-200-SS | 200'         | Stainless Steel | \$1,615.00 |
| LSC-250-G  | 250'         | Galvanized      | \$1,405.00 |
| LSC-250-SS | 250'         | Stainless Steel | \$1,890.00 |
| LSC-300-G  | 300'         | Galvanized      | \$1,595.00 |
| LSC-300-SS | 300'         | Stainless Steel | \$2,170.00 |
| LSC-350-G  | 350'         | Galvanized      | \$1,780.00 |
| LSC-350-SS | 350'         | Stainless Steel | \$2,450.00 |
| LSC-400-G  | 400'         | Galvanized      | \$1,970.00 |
| LSC-400-SS | 400'         | Stainless Steel | \$2,725.00 |
| LSC-450-G  | 450'         | Galvanized      | \$2,155.00 |
| LSC-450-SS | 450'         | Stainless Steel | \$3,005.00 |
| LSC-500-G  | 500'         | Galvanized      | \$2,345.00 |
| LSC-500-SS | 500'         | Stainless Steel | \$3,280.00 |

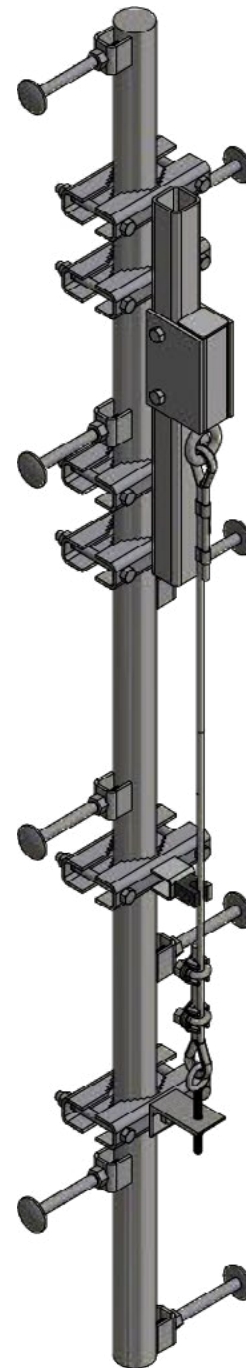




## Universal Round Climbing Leg Safe Climb Systems

- Attach to 1-1/2"-5" leg at top and up to 8" diameter at the bottom
- Sealed anchor head with impact attenuator
- Permanently secured forged eye-bolt
- Permanently swaged cable sleeves
- Adjustable clamp brackets
- Cable stand-offs for every 25'
- 3/8" galvanized or stainless steel wire rope
- Removable cable clamps and thimble
- Adjustable anchor eye-bolt
- Complete kits; include all hardware
- Conform to OSHA Specification & ANSI Recommendations

| Part #     | Cable Length | Cable Type      | Price      |
|------------|--------------|-----------------|------------|
| RSC-50-G   | 50'          | Galvanized      | \$1,130.00 |
| RSC-50-SS  | 50'          | Stainless Steel | \$1,245.00 |
| RSC-100-G  | 100'         | Galvanized      | \$1,445.00 |
| RSC-100-SS | 100'         | Stainless Steel | \$1,650.00 |
| RSC-150-G  | 150'         | Galvanized      | \$1,750.00 |
| RSC-150-SS | 150'         | Stainless Steel | \$2,045.00 |
| RSC-200-G  | 200'         | Galvanized      | \$2,000.00 |
| RSC-200-SS | 200'         | Stainless Steel | \$2,390.00 |
| RSC-250-G  | 250'         | Galvanized      | \$2,370.00 |
| RSC-250-SS | 250'         | Stainless Steel | \$2,855.00 |
| RSC-300-G  | 300'         | Galvanized      | \$2,630.00 |
| RSC-300-SS | 300'         | Stainless Steel | \$3,195.00 |
| RSC-350-G  | 350'         | Galvanized      | \$2,930.00 |
| RSC-350-SS | 350'         | Stainless Steel | \$3,595.00 |
| RSC-400-G  | 400'         | Galvanized      | \$3,305.00 |
| RSC-400-SS | 400'         | Stainless Steel | \$4,060.00 |
| RSC-450-G  | 450'         | Galvanized      | \$3,555.00 |
| RSC-450-SS | 450'         | Stainless Steel | \$4,400.00 |
| RSC-500-G  | 500'         | Galvanized      | \$3,925.00 |
| RSC-500-SS | 500'         | Stainless Steel | \$4,870.00 |

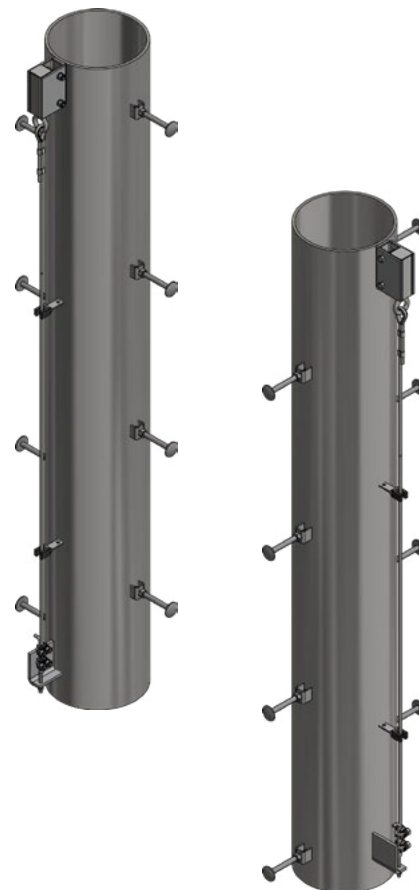


## Universal Monopole Mount Safe Climb Systems



- Sealed anchor head with impact attenuator
- Mount to 1/4" tabs with two 1/2" diameter bolts on 4" centers
- Use on pole mounts with step bolt climbs
- Uses cable guide attachment with two sets of 3/8" fasteners
- Permanently secured forged eye-bolt
- Permanently swaged cable sleeves
- Cable stand-offs for every 25'
- 3/8" galvanized or stainless steel wire rope
- Removable cable clamps and thimble
- Adjustable anchor eye-bolt
- Complete kits; include all hardware
- Conform to OSHA Specification & ANSI Recommendations

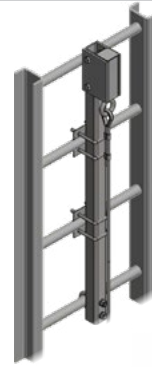
| Part #     | Cable Length | Cable Type      | Price      |
|------------|--------------|-----------------|------------|
| PSC-50-G   | 50'          | Galvanized      | \$390.00   |
| PSC-50-SS  | 50'          | Stainless Steel | \$485.00   |
| PSC-100-G  | 100'         | Galvanized      | \$560.00   |
| PSC-100-SS | 100'         | Stainless Steel | \$765.00   |
| PSC-150-G  | 150'         | Galvanized      | \$745.00   |
| PSC-150-SS | 150'         | Stainless Steel | \$1,040.00 |
| PSC-200-G  | 200'         | Galvanized      | \$935.00   |
| PSC-200-SS | 200'         | Stainless Steel | \$1,320.00 |
| PSC-250-G  | 250'         | Galvanized      | \$1,120.00 |
| PSC-250-SS | 250'         | Stainless Steel | \$1,595.00 |



## Ladder Mount Top Bracket

- Replacement top bracket for ladder-mounted safety climb cable system
- Includes 40" upright mount bracket and all mounting hardware

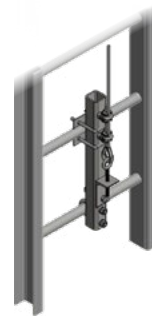
| Part #  | Description                   | Price    |
|---------|-------------------------------|----------|
| 115-114 | Safe Climb Top Ladder Bracket | \$242.00 |



## Ladder Mount Bottom Bracket

- Replacement bottom bracket for ladder-mounted safety climb cable system
- Includes bracket and all mounting hardware

| Part #      | Description                      | Price    |
|-------------|----------------------------------|----------|
| 115-106/107 | Safe Climb Bottom Ladder Bracket | \$140.00 |



## Universal Monopole Head Extension



- Monopole head extension allows the safety climb cable to clear obstructions
- Extension bracket provides a total of 9" of clearance off the face of the pole to the centerline of safe climb
- Works with Site Pro 1, Tuf-Tug or DBI Sala systems

| Part #  | Description  | System    | Price    |
|---------|--------------|-----------|----------|
| 115-345 | 9" extension | Universal | \$335.00 |



## Pole Mount Cable Guide Extension Kit

- Used in conjunction with monopole head extension to position safe climb system off of members

| Part #  | Type          | Price   |
|---------|---------------|---------|
| 115-135 | Extension Kit | \$23.70 |





## CLIMB SYSTEM ACCESSORIES

### Monopole T-Arm or Platform Stand-Off Assembly

- Square member attachment
- Allows positioning of safety climb cable off of T-arms or platforms
- Fits up to 5 1/2" square tubes



| Part #  | Size                       | Price    |
|---------|----------------------------|----------|
| 115-352 | Fits 2"-5 1/2" square tube | \$218.00 |

### Sector Frame Stand-Off Assembly

- Allows positioning of safety climb cable off of sector frames or stiff arms
- Fits round members 1 1/2"-5"



| Part #  | Size                     | Price    |
|---------|--------------------------|----------|
| 115-359 | Fits 1 1/2"-5" OD rounds | \$171.00 |

### Angle Stand-Off Assembly

- Attaches to an angle to allow a guide to move cable away from obstruction



| Part #      | Type   | Price   |
|-------------|--------|---------|
| 120-123/317 | Angles | \$72.65 |

### Universal Angle and Round Leg Stand-Off Assembly

- Attaches to round legs or angles to allow a guide to move cable away from obstruction

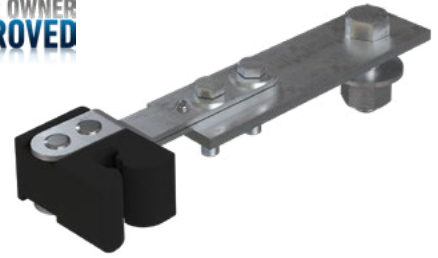


| Part #      | Size                              | Price    |
|-------------|-----------------------------------|----------|
| 120-203/317 | Round 1 1/2"-8"<br>Angle up to 6" | \$120.50 |

## Ring Mount Stand-Off Assembly **NEW**

- Allows positioning of safety climb cable of of ring mount

| Part #  | Type       | Price   |
|---------|------------|---------|
| SCGB-RM | Ring Mount | \$84.50 |



## Step Bolt Assemblies

- Hot-dip galvanized
- Hardware included

| Part # | Size          | Thread Length | Price  |
|--------|---------------|---------------|--------|
| SBA58  | 5/8" x 8-1/4" | 3"            | \$8.95 |
| SBA34  | 3/4" x 6-1/2" | 3"            | \$9.50 |



## Step Peg for Monopoles

- Hot-dip galvanized

| Part # | Size      | Price   |
|--------|-----------|---------|
| MSP34  | 3/4" x 6" | \$35.50 |



## Anchor Step Bolts

- Step bolts with anchor; rated to 5,000 lb

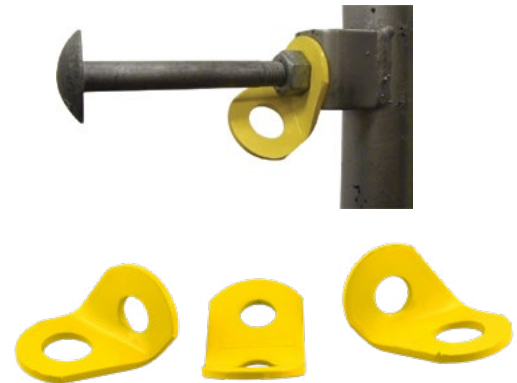
| Part # | Thread Ø | Thread Length | Overall Length | Tread Length | Price   |
|--------|----------|---------------|----------------|--------------|---------|
| ASB58  | 5/8"     | 2-3/8"        | 8-1/2"         | 5"           | \$22.65 |
| ASB34  | 3/4"     | 2-3/8"        | 8-1/2"         | 5"           | \$28.35 |



## Step Bolt Anchor Brackets

- Provide PPE attachment for 100% tie-off
- 3,600 lb engineered anchorage certification testing
- 5,000 lb safety load anchorage for fall protection
- 3/4" mounting hole
- Stainless steel construction is corrosion resistant
- ANSI Z359 Rated

| Part #    | Type      | U of M | Price   |
|-----------|-----------|--------|---------|
| TTSBAB-45 | 45° Form  | Each   | \$22.65 |
| TTSBAB90  | 90° L & R | Pair   | \$38.50 |



## Tower Leg Tie-Off Anchors

- 5,000 lb load rated
- Meet ANSI/OSHA standards
- Provide anchorage point for 100% fall protection
- Round member attachment from 6"-10" in diameter
- Angle member attachment from 4"-8" on (60°) angle iron

| Part #       | Application         | Price    |
|--------------|---------------------|----------|
| TT48-AMT0A   | 4-8" Angle Members  | \$156.00 |
| TT6120-RMT0A | 6-10" Round Members | \$167.00 |



TT48-AMT0A



TT6120-RMT0A

## Maintenance Tie-Off Point

- Provides three 5,000 lb rated climber tie-off points for safety gear
- Meets ANSI/OSHA specifications
- Bolts on; no field drilling, cutting, or welding required
- Fits round or polygon poles 12"-40" in diameter

| Part # | Description               | Weight | Price      |
|--------|---------------------------|--------|------------|
| HALO40 | Maintenance Tie-Off Point | 42 lb  | \$1,710.00 |



# GUY COMPONENTS AND TOWER BRACING



## GUY STRAND & COMPONENTS

### Extra High Strength Guy Strand (EHS)

- Custom lengths
- Class A galvanized
- Left-hand lay only
- ASTM A-475 specification
- 2-5 Day lead time, ships from TX, FL, or IN
- **Please note this item is non-cancellable and non-returnable**



| Part # | Size   | Construction | Breaking Strength | Max. ft./Spool | lb/1,000' | Price  |
|--------|--------|--------------|-------------------|----------------|-----------|--------|
| 320100 | 3/16"  | 7 wire       | 3,990 lb          | 10,000         | 72.9 #    | \$0.69 |
| 320101 | 1/4"   | 7 wire       | 6,650 lb          | 10,000         | 93.8 #    | \$0.79 |
| 320102 | 5/16"  | 7 wire       | 11,200 lb         | 10,000         | 205 #     | \$1.26 |
| 320103 | 3/8"   | 7 wire       | 15,400 lb         | 10,000         | 273 #     | \$1.40 |
| 320104 | 7/16"  | 7 wire       | 20,800 lb         | 5,000          | 399 #     | \$1.89 |
| 320105 | 1/2"   | 7 wire       | 26,900 lb         | 5,000          | 517 #     | \$2.83 |
| 320107 | 9/16"  | 7 wire       | 35,000 lb         | 5,000          | 671#      | \$3.43 |
| 320119 | 5/8"   | 7 wire       | 42,400 lb         | 5,000          | 796 #     | \$4.26 |
| 320110 | 11/16" | 19 wire      | 50,000 lb         | 2,500          | 1,000 #   | \$5.57 |
| 320111 | 3/4"   | 19 wire      | 58,300 lb         | 2,500          | 1,155 #   | \$6.80 |
| 320112 | 7/8"   | 19 wire      | 79,799 lb         | 2,500          | 1,581 #   | \$9.63 |

### Galvanized Steel Dead-Ends (Preforms)

- For use with left-hand galvanized guy strand
- Stocked in Plymouth, IN and Carrollton, TX facilities

| Part #     | Strand Size | Ref #      | Color Code | Application                  | Price    |
|------------|-------------|------------|------------|------------------------------|----------|
| 320500     | 3/16"       | BG-2142    | Red        | 7 wire EHS                   | \$8.55   |
| 320501     | 1/4"        | BG-2144    | Yellow     | 7 wire EHS                   | \$10.35  |
| 320502     | 5/16"       | BG-2146    | Black      | 7 wire EHS                   | \$13.48  |
| 320503     | 3/8"        | BG-2147    | Orange     | 7 wire EHS                   | \$18.45  |
| 320504     | 7/16"       | BG-2148    | Green      | 7 wire EHS                   | \$25.60  |
| 320505     | 1/2"        | BG-2115    | Blue       | 7 or 19 wire EHS             | \$38.10  |
| 320506     | 9/16"       | BG-2116    | Yellow     | 7 or 19 wire EHS             | \$58.00  |
| 320507     | 5/8"        | BG-2111    | Black      | 7 or 19 wire EHS             | \$99.90  |
| 320508     | 11/16"      | BG-MS-1035 | Blue       | 19 wire EHS or Bridge Strand | \$194.00 |
| BG-2112    | 3/4"        | BG-2112    | Orange     | 19 wire EHS                  | \$165.85 |
| BG-MS-7023 | 7/8"        | BG-MS-7023 | Green      | 19 wire EHS                  | \$357.00 |



## End Sleeves (Ice Clips)

- For use on helical dead-ends for galvanized EHS guy strand
- Hot-dip galvanized
- Stocked in Plymouth, IN and Carrollton, TX facilities

| Part # | Size           | Ref. #   | Price   |
|--------|----------------|----------|---------|
| 320550 | 3/16"          | GC-65303 | \$6.55  |
| 320551 | 1/4"           | GC-65136 | \$6.70  |
| 320552 | 5/16"          | GC-65128 | \$6.95  |
| 320553 | 3/8"           | GC-65264 | \$7.25  |
| 320554 | 7/16"          | GC-65265 | \$7.50  |
| 320555 | 1/2"           | GC-65266 | \$8.20  |
| 320556 | 9/16"          | GC-65267 | \$8.80  |
| 320557 | 5/8"           | GC-65268 | \$15.75 |
| 320558 | 11/16" or 3/4" | GC-65269 | \$17.80 |
| 320559 | 13/16" or 7/8" | GC-65270 | \$22.15 |



## Guy Wire Grounding Clamp

- Accepts ground wire #2 - 4/0
- For guy strand sizes 3/16" - 7/8"
- Suitable for direct burial
- UL listed #467
- 304 stainless steel hardware included
- Made of electro tin plated bronze
- Stocked in Plymouth, IN and Carrollton, TX facilities

| Part # | Description              | Price   |
|--------|--------------------------|---------|
| 119690 | Guy Wire Grounding Clamp | \$26.50 |





## GUY STRAND & COMPONENTS

### Select™ Cable Clamps (Wire Rope Clips)

- Drop-forged base
- Rolled threads
- Hot-dip galvanized
- Meet federal specifications FF-C-450
- Stocked in Plymouth, IN and Carrollton, TX facilities

| Part #   | Size   | Min. # Required | Price   |
|----------|--------|-----------------|---------|
| 320150-I | 3/16"  | 2               | \$1.60  |
| 320151-I | 1/4"   | 2               | \$2.10  |
| 320152-I | 5/16"  | 2               | \$3.10  |
| 320153-I | 3/8"   | 2               | \$4.10  |
| 320154-I | 7/16"  | 2               | \$6.25  |
| 320155-I | 1/2"   | 3               | \$6.70  |
| 320156-I | 9/16"  | 3               | \$9.15  |
| 320157-I | 5/8"   | 3               | \$9.80  |
| 320158-I | 3/4"   | 4               | \$11.10 |
| 320159-I | 7/8"   | 4               | \$12.95 |
| 320160-I | 1"     | 5               | \$18.75 |
| 320161-I | 1-1/4" | 6               | \$33.60 |



### Select™ Thimbles

- Heavy duty
- Hot-dip galvanized
- Stocked in Plymouth, IN and Carrollton, TX facilities

| Part #   | Size  | Max. Pin Dia. | Price   |
|----------|-------|---------------|---------|
| 320776-I | 1/4"  | 13/16"        | \$0.78  |
| 320777-I | 5/16" | 15/16"        | \$0.91  |
| 320778-I | 3/8"  | 1-1/16"       | \$1.91  |
| 320779-I | 7/16" | 1-3/16"       | \$2.49  |
| 320780-I | 1/2"  | 1-7/16"       | \$3.09  |
| 320782-I | 5/8"  | 1-5/8"        | \$5.21  |
| 320783-I | 3/4"  | 1-7/16"       | \$6.52  |
| 320784-I | 7/8"  | 2-1/8"        | \$9.25  |
| 320785-I | 1"    | 2-3/8"        | \$10.90 |



## Select™ Bolt-Type Anchor Shackles

- Forged shackles
- Bolt-type anchor
- Thin-head bolt with nut and cotter pin
- Hot-dip galvanized
- Meet Federal Specification RR-C-271D, Type IVA, Grade A, Class 3
- Stocked in Plymouth, IN and Carrollton, TX facilities
- Parts shown are imported; domestic parts are available upon request



| Part #   | Size   | Inside Width at Pin | Pin Dia. | Working Load Limit (tons) | Breaking Load (lb) | Price   |
|----------|--------|---------------------|----------|---------------------------|--------------------|---------|
| 320751-I | 1/2"   | 13/16"              | 5/8"     | 2                         | 20,000             | \$8.00  |
| 320752-I | 5/8"   | 1-1/16"             | 3/4"     | 3-1/4                     | 32,500             | \$13.00 |
| 320753-I | 3/4"   | 1-1/4"              | 7/8"     | 4-3/4                     | 47,500             | \$21.42 |
| 320754-I | 7/8"   | 1-7/16"             | 1"       | 6-1/2                     | 65,000             | \$29.40 |
| 320755-I | 1"     | 1-11/16"            | 1-1/8"   | 8-1/2                     | 85,000             | \$42.90 |
| 320756-I | 1-1/8" | 1-13/16"            | 1-1/4"   | 9-1/2                     | 95,000             | \$50.00 |
| 320757-I | 1-1/4" | 2-1/32"             | 1-3/8"   | 12                        | 120,000            | \$79.40 |

## GUY STRAND & COMPONENTS

### Select™ Jaw-Jaw Turnbuckles

- Heavy duty
- Hot-dip galvanized
- Jaw ends include bolt with nut and cotter pin
- All meet Federal Specification FF-T-791B, Type1, Form 1, Class 7
- Stocked in Plymouth, IN and Carrollton, TX facilities



| Part #   | Size   | Take-up | Break Strength lb | Price    |
|----------|--------|---------|-------------------|----------|
| 320600-I | 1/2"   | 12"     | 11,000            | \$28.80  |
| 320601-I | 5/8"   | 12"     | 17,500            | \$42.25  |
| 320602-I | 3/4"   | 12"     | 26,000            | \$42.75  |
| 320598-I | 3/4"   | 18"     | 26,000            | \$79.30  |
| 320603-I | 7/8"   | 12"     | 36,000            | \$73.15  |
| 320599-I | 7/8"   | 18"     | 36,000            | \$102.50 |
| 320604-I | 1"     | 12"     | 50,000            | \$88.25  |
| 320607-I | 1"     | 18"     | 50,000            | \$113.30 |
| 320605-I | 1-1/4" | 18"     | 76,000            | \$169.95 |
| 320606-I | 1-1/2" | 18"     | 107,000           | \$252.95 |

### Select™ Jaw-Eye Turnbuckles

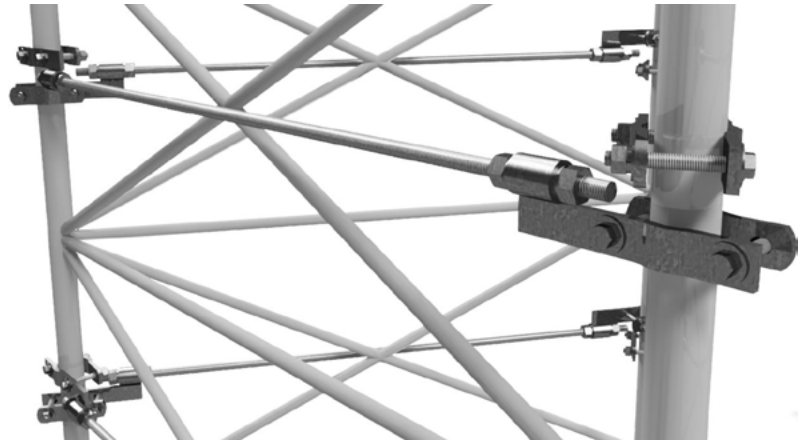
- Heavy duty
- Hot-dip galvanized
- Jaw end include bolt with nut and cotter pin
- All meet Federal Specification FF-T-791B, Type1, Form 1, Class 8
- Stocked in Plymouth, IN and Carrollton, TX facilities



| Part #   | Size   | Take-up | Break Strength lb | Price    |
|----------|--------|---------|-------------------|----------|
| 320596-I | 1/2"   | 12"     | 11,000            | \$29.10  |
| 320597-I | 5/8"   | 12"     | 17,500            | \$39.15  |
| 320595-I | 3/4"   | 12"     | 26,000            | \$54.00  |
| 162930-I | 7/8"   | 12"     | 36,000            | \$67.25  |
| 162931-I | 1"     | 12"     | 50,000            | \$103.00 |
| 320625-I | 1-1/4" | 18"     | 76,000            | \$220.50 |
| 320626-I | 1-1/2" | 18"     | 107,000           | \$283.25 |

## Adjustable Bolt-On Bracing for Round Leg Towers

- Adds strength and additional capacity to your existing tower
- Versatile design is ideal for both vertical applications and tapered tower sections
- Threaded rod and sleeve weldment design allows quick, easy adjustment and alignment to nearly any face width
- Center connection works with single or double diagonals
- Available sizes work for a wide variety of applications
- Made from hot-dip galvanized Gr. B-7 threaded rod
- Each kit includes three braces and leg attachment hardware
- Call for Availability



Optional Center Connection Kit

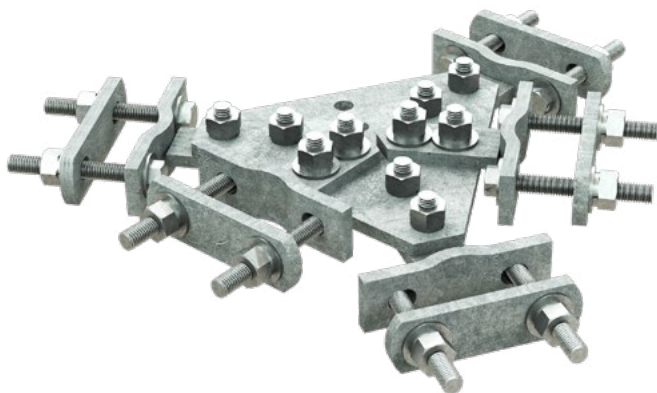
| Part #     | Description                                 | Rod Diameter           | Face Width | Price      |
|------------|---------------------------------------------|------------------------|------------|------------|
| BOB34      | 3/4" Adjustable Bolt-On Bracing Kit         | 3/4"                   | 15" - 49"  | \$475.00   |
| BOB1       | 1" Adjustable Bolt-On Bracing Kit           | 1"                     | 15" - 52"  | \$750.00   |
| BOB114     | 1-1/4" Adjustable Bolt-On Bracing Kit       | 1-1/4"                 | 16" - 64"  | \$1,415.00 |
| BOB34-CEN  | 3/4" Center Connection Kit                  | 3/4"                   | ---        | \$61.00    |
| BOB1-CEN   | 1" Center Connection Kit                    | 1"                     | ---        | \$65.00    |
| BOB114-CEN | 1 1/4" Center Connection Kit                | 1-1/4"                 | ---        | \$78.00    |
| PUCK       | Disk Clamp Center Connection Assembly       | Universal up to 3-1/2" | ---        | \$54.10    |
| 245978     | U-Bolt & V-Clamp Center Connection Assembly | Universal up to 2-3/8" | ---        | \$20.50    |

Tie-Rod Bracing for PiRod Towers

- Adds strength and additional capacity to your existing tower
- Each part includes two tie-rods and attaching hardware
- Call for availability
- Customized bracing also available, please call 1-888-753-7446



| Part # | For PiRod Leg | Leg Diameter | Leg Length |
|--------|---------------|--------------|------------|
| Call   | #12           | 1-1/4" - 2"  | 10'        |
| Call   | #12           | 1-1/4" - 2"  | 20'        |
| Call   | #18           | 2" - 4"      | 10'        |
| Call   | #18           | 2" - 4"      | 20'        |



# CABLE ACCESSORIES





## Plastic Polymer Stackable Snap-In Hangers

- For use on horizontal cable runs only; not to be used on vertical cable runs
- PIM-free polymer material
- Self-adjusting variable diameter
- Space-saving design for tighter applications
- Use with SA1C PIM-free standoff adapters (p. 192)

| Part #   | Cable Size Range | AT&T Approved Cables                       | U of M  | Price   |
|----------|------------------|--------------------------------------------|---------|---------|
| SICP47   | 4.0 to 7.0 mm    | 2 fiber jumpers and 4 fiber jumpers        | 10 pack | \$22.60 |
| SICP710  | 7.1 to 10.00 mm  | RET cables                                 | 10 pack | \$22.85 |
| SICP1014 | 10.1 to 14.0 mm  | 12 & 10 AWG 2C power cables                | 10 pack | \$23.15 |
| SICP1416 | 14.1 to 16.1 mm  | 8 AWG 2C power cables or 1/2" coax jumpers | 10 pack | \$23.55 |

PIM  SHIELD®



SICP710



## Hybrid Snap-In Hangers



- "Hybrid" snap-in design provides insulation at the mating interfaces to prevent metal-to-metal contact
- High strength
- Easy to install, remove and reposition
- No tools required
- 360° rotation at mounting interface

| Part #       | Description                           | U of M  | Price   |
|--------------|---------------------------------------|---------|---------|
| PSHS-1319-10 | Hybrid Snap-In, 13 to 19 mm, (1/2 in) | 10 pack | \$44.10 |
| PSHS-2630-10 | Hybrid Snap-In, 26 to 30 mm, (7/8 in) | 10 pack | \$48.50 |
| PSHS-3642-10 | Hybrid Snap-In, 36 to 42 mm, (1-1/4") | 10 pack | \$80.85 |
| PSHS-4852-10 | Hybrid Snap-In, 48 to 52 mm, (1-5/8") | 10 pack | \$82.35 |

PIM  SHIELD®

**ConcealFab®**  
A valmont COMPANY



PSHS-4852



PSHS-1319

## MonoBloc Stackable Snap-In Hangers

- 304 stainless steel
- One-hand instant mounting; easy to use due to inner locking bands and strong outside structure
- Heavy-duty MonoBloc design allows stacking 4 cables; you can even stack three 1-5/8" cables with a feeder cable on top without additional support brackets
- Excellent cable retention

| Part # | Cable Size | U of M  | Weight | Price   |
|--------|------------|---------|--------|---------|
| SIC1   | 1/2"       | 10 pack | 0.7 lb | \$22.00 |
| SIC2   | 7/8"       | 10 pack | 0.7 lb | \$22.00 |
| SIC3   | 1-1/4"     | 10 pack | 2.0 lb | \$27.35 |
| SIC4   | 1-5/8"     | 10 pack | 1.8 lb | \$29.20 |



## Stackable Snap-In Hangers

- 304 stainless steel
- For use on all corrugated cables
- Heavy-duty design prevents pop-outs
- Excellent cable retention

| Part #  | Cable Size | U of M  | Weight | Price   |
|---------|------------|---------|--------|---------|
| 12SS-A  | 1/2"       | 10 pack | 0.7 lb | \$34.15 |
| 78SS-A  | 7/8"       | 10 pack | 0.8 lb | \$36.50 |
| 114SS-A | 1-1/4"     | 10 pack | 1.0 lb | \$38.30 |
| 158SS-A | 1-5/8"     | 10 pack | 1.2 lb | \$39.95 |



## Adjustable Stackable Snap-In Hangers

- Range taking design allows for use on hybrid, power and coaxial cables
- Eliminate need for barrel cushions and thus installs 3x faster
- Self-adjusting variable diameter
- Stack up to three deep

| Part # | Cable Size Range | U of M  | Weight | Price   |
|--------|------------------|---------|--------|---------|
| SSH-MD | 15-26 mm         | 10 pack | 0.7 lb | \$58.20 |
| SSH-LG | 26-36 mm         | 10 pack | 0.7 lb | \$60.05 |
| SSH-XL | 36-51 mm         | 10 pack | 1.1 lb | \$61.90 |



## Universal Snap-Ins

- 304 stainless steel construction
- Engineered to be strong, yet easy to use
- Excellent cable retention
- All edges are smooth so they will not cut the installer's hands

| Part #  | Cable Size & Type             | U of M  | Weight | Price   |
|---------|-------------------------------|---------|--------|---------|
| 12SH-3  | 1/2" Corrugated & Commscope   | 10 pack | 0.4 lb | \$24.75 |
| 78SH-3  | 7/8" Corrugated               | 10 pack | 0.7 lb | \$28.85 |
| 114SH-3 | 1-1/4" Corrugated             | 10 pack | 1.0 lb | \$28.85 |
| 158SH-3 | 1-5/8" Corrugated & Commscope | 10 pack | 1.2 lb | \$28.85 |
| 214SH-3 | 2-1/4" Corrugated             | 10 pack | 1.5 lb | \$40.95 |



## LMR-400 Snap-In Hangers

- Standard or stackable snap-ins with EPDM rubber insert
- Accept LMR-400, 3/8" Flex, & RG11U

| Part #  | Snap-In   | U of M  | Weight | Price   |
|---------|-----------|---------|--------|---------|
| 400SH-K | Standard  | 10 pack | 1.7 lb | \$53.00 |
| 400SS-A | Stackable | 10 pack | 1.6 lb | \$52.80 |



## PIM Free Isolator for Snap-In Hangers

- Reduce PIM by avoiding metal-to-metal contact for snap-in hangers
- Isolator snaps between hangers and mounting surface and between stacked hangers

| Part # | Description                           | U of M  | Price   |
|--------|---------------------------------------|---------|---------|
| SA-ISO | PIM Free Isolator for Snap-In Hangers | 10 pack | \$34.65 |



SA-ISO shown with snap-in hanger



## Universal Square Rail Snap-In Support

- 304 stainless steel construction
- Snaps into 1-5/8" wide square rail or strut
- For use with standard or stackable snap-in hangers

| Part # | Description                 | U of M  | Weight | Price   |
|--------|-----------------------------|---------|--------|---------|
| ARA22  | Square Rail Snap-In Support | 10 pack | 0.8 lb | \$38.95 |



## Cable Cushions



- These cable cushions that fit inside hybrid snap-ins are available to support smaller diameter RET, DC power, grounding and fiber optic cables
- UV stable, EPDM rubber
- Color coded for easy identification
- Installs inside PIM Shield hybrid snap-in
- Sizes available for cables ranging from 4.5 mm to 30.3 mm



| Part #       | Description                    | U of M  | Color  | Price   |
|--------------|--------------------------------|---------|--------|---------|
| PSCC-1001-10 | Cable Cushion, 4.5 to 6.5 mm   | 10 pack | Blue   | \$13.60 |
| PSCC-1002-10 | Cable Cushion, 6.6 to 8.5 mm   | 10 pack | Gray   | \$13.60 |
| PSCC-1003-10 | Cable Cushion, 8.6 to 10.5 mm  | 10 pack | Black  | \$13.60 |
| PSCC-2001-10 | Cable Cushion, 10.6 to 12.5 mm | 10 pack | Orange | \$19.85 |
| PSCC-2002-10 | Cable Cushion, 12.6 to 15.5 mm | 10 pack | Black  | \$19.85 |
| PSCC-2003-10 | Cable Cushion, 15.6 to 17.5 mm | 10 pack | Gray   | \$19.85 |
| PSCC-4001-10 | Cable Cushion, 19.6 to 30.3 mm | 10 pack | Black  | \$47.80 |

## Butterfly Hangers

- 304 stainless steel
- Captivated slotted SS screw and nut for tightening
- Attach with 3/8" hardware kits, banding, round member adapters, angle adapters, or standoff kits
- Fit corrugated and smooth-wall cables

| Part # | Cable Size                        | U of M  | Weight | Price   |
|--------|-----------------------------------|---------|--------|---------|
| BUG12  | 1/2", 3/8", EW180, EW220, & EW240 | 10 pack | 0.8 lb | \$20.75 |
| BUG78  | 7/8", EW85 & EW90                 | 10 pack | 0.9 lb | \$21.15 |
| BUG114 | 1-1/4"                            | 10 pack | 1.1 lb | \$22.90 |
| BUG158 | 1-5/8"                            | 10 pack | 1.1 lb | \$26.15 |
| BUG214 | 2-1/4" & EW37                     | 10 pack | 1.8 lb | \$26.90 |



BUG12

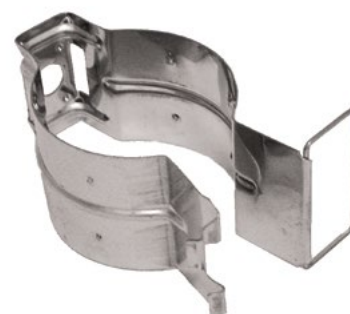


BUG158

## Clip Hangers

- 304 stainless steel
- Easy to use; just clip the bail, no nuts or bolts
- Special stiffening rib maximizes cable retention
- Attach with 3/8" hardware kits, banding, round member adapters, angle adapters, or standoff kits
- Fit corrugated and smooth-wall cables

| Part # | Cable Size | U of M  | Weight | Price   |
|--------|------------|---------|--------|---------|
| 12HC   | 1/2"       | 10 pack | 0.5 lb | \$16.75 |
| 78HC   | 7/8"       | 10 pack | 0.5 lb | \$19.30 |
| 114HC  | 1-1/4"     | 10 pack | 0.7 lb | \$22.10 |
| 158HC  | 1-5/8"     | 10 pack | 0.9 lb | \$19.50 |



## CABLE BLOCKS

### Cable Blocks

- Manufactured from glass-filled polypropylene for long-term UV-resistance
- Interior ribs, combined with increased width, supply superior cable retention
- Mount with 3/8" mounting hardware shown below

| Part #  | Cable Size & Type     | U of M  | Weight | Price   |
|---------|-----------------------|---------|--------|---------|
| CXB4    | Fiber Kit (4-6mm)     | 10 pack | 1.3 lb | \$36.60 |
| CXB14-2 | 1/4" Cable (8mm)      | 10 pack | 0.2 lb | \$10.70 |
| CXB38   | 3/8" Cables & LMR-400 | 10 pack | 0.3 lb | \$14.65 |
| CXB12   | 1/2" Corrugated       | 10 pack | 0.6 lb | \$14.05 |
| CXB78   | 7/8" Corrugated       | 10 pack | 1.0 lb | \$16.75 |
| CXB114  | 1-1/4" Corrugated     | 10 pack | 3.0 lb | \$23.00 |
| CXB158  | 1-5/8" Corrugated     | 10 pack | 2.7 lb | \$28.70 |
| CXB214  | 2-1/4" Corrugated     | 10 pack | 3.3 lb | \$34.30 |



### Cable Block Hardware Kits

- 3/8" Grade 304 stainless or A36 galvanized steel
- Each kit contains:
  - 10 threaded rods
  - 30 flat washers
  - 30 lock washers
  - 30 nuts
- See below chart for applications and pricing

| Part #  | Length      | Material        | Weight | Price   |
|---------|-------------|-----------------|--------|---------|
| CH35    | 3-1/2" Rods | Stainless Steel | 1.8 lb | \$30.95 |
| CH50    | 5" Rods     | Stainless Steel | 2.1 lb | \$39.40 |
| CH65    | 6-1/2" Rods | Stainless Steel | 2.5 lb | \$44.80 |
| CH80    | 8" Rods     | Stainless Steel | 2.9 lb | \$50.50 |
| CH95    | 9-1/2" Rods | Stainless Steel | 3.2 lb | \$57.25 |
| CH120   | 12" Rods    | Stainless Steel | 3.8 lb | \$69.95 |
| CH65-G  | 6-1/2" Rods | Galvanized      | 2.3 lb | \$25.03 |
| CH80-G  | 8" Rods     | Galvanized      | 2.4 lb | \$30.65 |
| CH95-G  | 9-1/2" Rods | Galvanized      | 3.5 lb | \$36.80 |
| CH120-G | 12" Rods    | Galvanized      | 4.2 lb | \$42.45 |



#### Stack Chart for Determining Hardware Kit Needed

| Block Size | Single Stack | Double Stack | Triple Stack |
|------------|--------------|--------------|--------------|
| Up to 1/2" | 3-1/2"       | 5"           | 5"           |
| 7/8"       | 3-1/2"       | 5"           | 6-1/2"       |
| 1-1/4"     | 5"           | 6-1/2"       | 8"           |
| 1-5/8"     | 5"           | 8"           | 9-1/2"       |
| 2-1/4"     | 5"           | 9-1/2"       | 12"          |

## Universal Barrel Cushions

- Our universal barrel cushions are designed to easily manage today's hybrid cables
- Universal fit holds cable tightly and reduces inventory needs or fit issues
- Patented design holds the cable securely, unlike some competing products
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable blocks for easy installation; see chart below for proper hanger size
- UV-resistant EPDM rubber which is durable in extreme conditions

| Part #   | Cable Range                  | Hanger Size | U of M | Weight | Price   |
|----------|------------------------------|-------------|--------|--------|---------|
| BCU12X   | 0.12" - 0.51" (3mm - 13mm)   | 1/2"        | 10 pk  | 0.3 lb | \$19.40 |
| BCU78X   | 0.16" - 0.55" (4mm - 14mm)   | 7/8"        | 10 pk  | 0.6 lb | \$22.25 |
| BCU114X  | 0.55" - 0.98" (14mm - 25mm)  | 1-1/4"      | 10 pk  | 1.0 lb | \$37.85 |
| BCU158X  | 0.55" - 1.42" (14mm - 36mm)  | 1-5/8"      | 10 pk  | 1.3 lb | \$37.85 |
| BCU214X  | 0.55" - 1.77" (14mm - 45mm)  | 2-1/4"      | 10 pk  | 2.3 lb | \$44.95 |
| BCU158M7 | 7 holes for 4mm - 9mm cables | 1-5/8"      | 10 pk  | 1.5 lb | \$70.10 |



BCU158X



BCU158M7



## Heavy-Duty Barrel Cushion

- Heavy-duty collar secures cushion in hanger to prevent slippage
- Designed to manage today's heavy hybrid cables; for use with snap-in hangers or butterfly hangers
- UV-resistant EPDM rubber which is durable in extreme conditions



| Part #   | Cable Size          | # of Holes | Inch (mm) Hole Size | Mating Hanger Size | U of M | Weight | Price   |
|----------|---------------------|------------|---------------------|--------------------|--------|--------|---------|
| CIN38158 | 38 mm - 40 mm cable | 1          | 1.55" (38-40 mm)    | 1-5/8"             | 10 pk  | 1.9 lb | \$37.85 |

## Single-Hole Barrel Cushions

- Our barrel cushions are designed to manage today's smaller cables, fiber, etc.
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable blocks for easy installation; see chart below for proper hanger size
- Manufactured from UV-resistant EPDM rubber which is durable in extreme conditions



| Part #   | Cable Size & Type            | # of Holes | Inch (mm) Hole Size   | Mating Hanger Size | U of M | Weight | Price   |
|----------|------------------------------|------------|-----------------------|--------------------|--------|--------|---------|
| CIN1478  | 1/4" Coax (7mm - 9mm cables) | 1          | 0.28 - 0.35 (7 - 9)   | 7/8"               | 10 pk  | 1.0 lb | \$21.25 |
| CIN3812  | LMR-400, 3/8" Flex, & RG11U  | 1          | 0.39 - 0.42 (10 - 12) | 1/2"               | 10 pk  | 0.2 lb | \$8.90  |
| CIN3878  | LMR-400, 3/8" Flex, & RG11U  | 1          | 0.39 - 0.42 (10 - 12) | 7/8"               | 10 pk  | 1.0 lb | \$20.58 |
| CIN58114 | 5/8" Power Cable             | 1          | 0.67 - 0.79 (17 - 20) | 1-1/4"             | 10 pk  | 2.1 lb | \$30.00 |
| CIN22114 | 22mm - 25mm Cables           | 1          | 0.87 - 0.98 (22 - 25) | 1-1/4"             | 10 pk  | 2.0 lb | \$30.40 |
| CIN28114 | 27mm - 29mm Cables           | 1          | 1.06 - 1.14 (27 - 29) | 1-1/4"             | 10 pk  | 2.0 lb | \$19.30 |



## BARREL CUSHIONS

### Multi-Hole Barrel Cushions

- Our barrel cushions are designed to manage today's smaller cables, fiber, etc.
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable blocks for easy installation; see chart below for proper hanger size
- Allow multiple runs with single attachment point
- Manufactured from UV-resistant EPDM rubber which is durable in extreme conditions



| Part #     | Cable Size & Type                                            | # of Holes | Inch (mm)<br>Hole Size |              | Mating<br>Hanger Size | U of M | Weight | Price   |
|------------|--------------------------------------------------------------|------------|------------------------|--------------|-----------------------|--------|--------|---------|
| BC1410     | 1/4" Superflex & LMR-240                                     | 10         | 0.24                   | (6)          | 1-5/8"                | 10 pk  | 2.8 lb | \$51.25 |
| BC387      | LMR-400, 3/8" Flex, & RG11U                                  | 7          | 0.40                   | (10)         | 1-5/8"                | 10 pk  | 2.4 lb | \$52.80 |
| BC124      | 1/2" Coax                                                    | 4          | 0.63                   | (16)         | 1-5/8"                | 10 pk  | 2.0 lb | \$49.75 |
| BC582      | LMR-900 & 5/8" Coax                                          | 2          | 0.84                   | (21)         | 1-5/8"                | 10 pk  | 2.0 lb | \$46.45 |
| BC144582   | (4) 1/4" Superflex/LMR-240,<br>(2) LMR-900 & 5/8" Coax       | 6          | 0.24<br>0.84           | (6)<br>(21)  | 2-1/4"                | 10 pk  | 2.0 lb | \$50.35 |
| BC144122   | (4) 1/4" Superflex & LMR-240,<br>(2) 1/2" Coax               | 6          | 0.24<br>0.63           | (6)<br>(16)  | 1-5/8"                | 10 pk  | 2.5 lb | \$47.20 |
| BC384122   | (4) LMR-400, 3/8" Flex, & RG11U,<br>(2) 1/2" Coax            | 6          | 0.40<br>0.63           | (10)<br>(16) | 1-5/8"                | 10 pk  | 2.0 lb | \$52.15 |
| BC144384   | 1/4" Superflex & LMR-240,<br>(4) LMR-400, 3/8" Flex, & RG11U | 8          | 0.24<br>0.40           | (6)<br>(10)  | 1-5/8"                | 10 pk  | 2.0 lb | \$57.40 |
| BC10202158 | (1) 10 mm and (2) 20 mm                                      | 3          | 0.4<br>0.8             | (10)<br>(20) | 1-5/8"                | 10 pk  | 2.1 lb | \$49.60 |

### Barrel Cushions for Elliptical Waveguide

- Our barrel cushions are designed to manage elliptical waveguide
- These rubber inserts fit inside snap-in hangers or cable blocks for easy installation; see chart below for proper hanger size
- Allow multiple runs with single attachment point
- Manufactured from UV-resistant EPDM rubber which is durable in extreme conditions



| Part # | Cable Size & Type                                           | # of Holes | Mating<br>Hanger Size | Hole Size    | U of M | Weight | Price   |
|--------|-------------------------------------------------------------|------------|-----------------------|--------------|--------|--------|---------|
| BCE902 | EWP90S / EWP90 / EW90                                       | 2          | 1-5/8"                | 1.28" x .76" | 10 pk  | 2.5 lb | \$42.60 |
| BCE631 | EWP63 / EW63 / EWP63S / E65 / EWP64<br>/ EW64 / EP70 / E011 | 1          | 2-1/4"                | 2" x 1.16"   | 10 pk  | 2.5 lb | \$37.60 |

## Stainless 3/8" Angle Adapters

- Heavy-duty 304 stainless steel construction
- Serrated teeth grab onto and hold steel surfaces
- Hardware includes 3/8" square-head bolt and fillister screw with lock washer
- 1" opening

| Part # | U of M  | Weight | Price   |
|--------|---------|--------|---------|
| ADAP   | 10 pack | 4.8 lb | \$55.75 |



## Angle Adapters for Snap-Ins

- Heavy-duty 304 stainless steel construction
- Stainless square-head bolt included
- Accepts up to two snap-in hangers
- 1" opening

| Part # | U of M  | Weight | Price   |
|--------|---------|--------|---------|
| ADAP-O | 10 pack | 4.9 lb | \$55.75 |



## Universal Angle Adapters

- Heavy-duty 304 stainless steel construction
- Stainless square-head bolts, fillister screws, and lock washers included
- Includes 10 adapter inserts that convert the 3/4" snap-in holes to threaded 3/8" holes for use with butterfly hangers
- 1" opening

| Part # | U of M  | Weight | Price   |
|--------|---------|--------|---------|
| ADAP-U | 10 pack | 4.9 lb | \$72.75 |



Galvanized 3/8" Angle Adapters



- Hot-dip galvanized steel construction
- Serrated teeth grab onto and hold steel surfaces
- Galvalnized hardware includes 3/8" square-head bolt and fillister screw with lock washer
- 1" opening

| Part # | U of M  | Weight | Price   |
|--------|---------|--------|---------|
| GAP38  | 10 pack | 4.7 lb | \$52.05 |



Universal Angle Adapter



- Weather-resistant nylon material
- Include 3/4" and 3/8" accessory mounting holes
- Torque-stop set bolt ensures proper attachment force
- Package of 10

| Part # | Description         | U of M  | Price   |
|--------|---------------------|---------|---------|
| PAA-U  | Nylon Angle Adapter | 10 pack | \$62.50 |



## Tower Standoff Kits

- Heavy-duty 304 stainless steel construction
- Kits include SS hose clamps, 3/8" fillister screws, and lock washers
- All kits stand 1" off leg

| Part # | Leg Size      | U of M  | Weight | Price   |
|--------|---------------|---------|--------|---------|
| STK1   | 3/4" - 1-1/2" | 10 pack | 2.9 lb | \$56.55 |
| STK2   | 1-1/2" - 3"   | 10 pack | 3.3 lb | \$71.50 |
| STK3   | 3" - 4"       | 10 pack | 3.9 lb | \$73.65 |
| STK4   | 3" - 6"       | 10 pack | 4.9 lb | \$80.40 |



## Tower Standoff Kits for Snap-Ins

- Heavy-duty 304 stainless steel construction
- Includes SS hose clamps
- All kits stand 1" off leg

| Part # | Leg Size    | U of M  | Weight | Price   |
|--------|-------------|---------|--------|---------|
| STK2-O | 1-1/2" - 3" | 10 pack | 3.3 lb | \$66.95 |
| STK3-O | 3" - 4"     | 10 pack | 4.1 lb | \$73.65 |
| STK4-O | 3" - 6"     | 10 pack | 4.2 lb | \$77.25 |



## Universal Tower Standoff Kits

- Heavy-duty 304 stainless steel construction
- Includes SS hose clamps, inserts, fillister screws, and lock washers to convert 3/4" snap-in holes to threaded 3/8" holes for use with butterfly hangers
- All kits stand 1" off leg

| Part # | Leg Size    | U of M  | Weight | Price   |
|--------|-------------|---------|--------|---------|
| STK2-U | 1-1/2" - 3" | 10 pack | 3.4 lb | \$77.25 |
| STK3-U | 3" - 4"     | 10 pack | 4.3 lb | \$83.95 |
| STK4-U | 3" - 6"     | 10 pack | 4.8 lb | \$89.20 |



# STANDOFFS

## Tower Standoff Brackets

- Heavy-duty 304 stainless steel construction
- Will accept up to 3/4" wide steel banding
- Useful for monopoles, water tanks, telephone poles, etc.
- All brackets stand 1" off leg

| Part # | Leg Size    | Type          | U of M  | Weight | Price   |
|--------|-------------|---------------|---------|--------|---------|
| SST    | 1-1/2" - 3" | 3/8" Hardware | 10 pack | 1.8 lb | \$38.65 |
| MST    | 1-1/2" - 3" | 3/8" Hardware | 10 pack | 2.9 lb | \$56.05 |
| MST-O  | 1-1/2" - 3" | Snap-In hole  | 10 pack | 2.2 lb | \$50.25 |
| MST-U  | 1-1/2" - 3" | Universal     | 10 pack | 2.5 lb | \$58.45 |
| LST    | 3" & up     | 3/8" Hardware | 10 pack | 3.7 lb | \$63.90 |
| LST-O  | 3" & up     | Snap-In hole  | 10 pack | 3.0 lb | \$56.60 |
| LST-U  | 3" & up     | Universal     | 10 pack | 3.3 lb | \$65.70 |



## Standoff Adapters

- Attach with nylon cable ties, plastic round-member adapters, or acetal banding
- PSK is for use with cable blocks
- Accept 3/8" standard nut to allow threaded rod attachment
- Hold up to 3 cable blocks
- Fit on round or flat members
- SA1C is for use with snap-in hangers

| Part # | Description              | U of M  | Price   |
|--------|--------------------------|---------|---------|
| PSK    | Plastic Standoff Adapter | 10 pack | \$24.85 |
| SA1C   | Standoff Adapters        | 10 pack | \$37.80 |



## Multi-Function Snap-in Adapter 1 Position

NEW

PIM SHIELD

ConcealFab  
A valmont COMPANY

- Cost efficient
- UV stable, glass-filled nylon construction
- Mounts to angle or round members using low PIM acetal straps
- 3/4" accessory mounting hole



| Part #    | Description                                           | U of M  | Price   |
|-----------|-------------------------------------------------------|---------|---------|
| 901044-10 | PIM Shield Multi-Function Snap-in Adapter, 1 Position | 10 pack | \$22.65 |

## Multi-Function Snap-in Adapter 2 Position

NEW

PIM SHIELD

ConcealFab  
A valmont COMPANY

- Cost efficient
- UV stable, glass-filled nylon construction
- Mounts to angle or round members using low PIM acetal straps
- Two 3/4" and one 3/8" accessory mounting holes
- 3/8" nut not included



| Part #    | Description                                           | U of M  | Price   |
|-----------|-------------------------------------------------------|---------|---------|
| 901045-10 | PIM Shield Multi-Function Snap-in Adapter, 2 Position | 10 pack | \$27.80 |



# STANDOFFS

## TrapBox™

- 304 stainless steel trapezoid snap-in box
- For use with stackable snap-ins only
- Accepts hose clamps or 1/2" banding to attach directly to round members
- The TrapBox™ attaches to angle adapters, tower standoff kits, etc., with 3/8" hardware
- If using 1-1/4" or 1-5/8" MonoBloc stackable snap-ins, the center hole of TrapBox cannot be used (2 runs only)
- Three 3/4" holes; maximum load is six 1-5/8" cables
- Sold in packs of 10



| Part # | Size                     | U of M  | Weight | Price   |
|--------|--------------------------|---------|--------|---------|
| TRAP3  | 3-1/4" x 1-1/2" x 1-1/2" | 10 pack | 1.1 lb | \$30.10 |

## TrapBox™ Standoff Kits

- 304 stainless steel trapezoid snap-in box
- For use with stackable snap-ins only
- Stand 1-1/2" off tower
- If using 1-1/4" or 1-5/8" MonoBloc stackable snap-ins, the center hole of TrapBox cannot be used (2 runs only)
- Three 3/4" holes; maximum load is six 1-5/8" cables
- Sold in packs of 10



| Part # | Leg Size    | U of M  | Weight | Price   |
|--------|-------------|---------|--------|---------|
| TB1-K  | 3/4" - 2"   | 10 pack | 1.6 lb | \$33.95 |
| TB2-K  | 1-1/2" - 3" | 10 pack | 1.7 lb | \$45.65 |
| TB3-K  | 3" - 4"     | 10 pack | 1.8 lb | \$48.50 |
| TB4-K  | 3" - 6"     | 10 pack | 1.9 lb | \$50.10 |

## TrapBox™ Universal Standoff Kits

- 304 stainless steel trapezoid snap-in box
- Includes 10 each SS hose clamps, inserts, fillister screws, and lock washers to convert 3/4" snap-in holes to threaded 3/8" holes for use with butterfly hangers
- If using 1-1/4" or 1-5/8" MonoBloc stackable snap-ins, the center hole of TrapBox cannot be used (2 runs only)
- Three 3/4" holes; maximum load is six 1-5/8" cables
- Sold in packs of 10



| Part # | Leg Size    | U of M  | Weight | Price   |
|--------|-------------|---------|--------|---------|
| TB1-U  | 3/4" - 2"   | 10 pack | 2.2 lb | \$49.75 |
| TB2-U  | 1-1/2" - 3" | 10 pack | 2.3 lb | \$55.95 |
| TB3-U  | 3" - 4"     | 10 pack | 2.4 lb | \$58.75 |
| TB4-U  | 3" - 6"     | 10 pack | 2.5 lb | \$69.25 |

## Round Member Adapters

- Marine-grade stainless steel hose clamps
- Finest quality
- Wider operating range than competing brands

| Part # | Size Range      | U of M  | Weight | Price   |
|--------|-----------------|---------|--------|---------|
| HC1-10 | 1" - 2-1/4"     | 10 pack | 0.5 lb | \$15.70 |
| HC2-10 | 1-1/2" - 3-1/2" | 10 pack | 0.6 lb | \$17.65 |
| HC3-10 | 2-1/2" - 4-1/2" | 10 pack | 0.7 lb | \$24.65 |
| HC4-10 | 3-1/2" - 5-1/2" | 10 pack | 0.8 lb | \$25.20 |
| HC5-10 | 2" - 6-1/2"     | 10 pack | 0.8 lb | \$25.50 |



## Plastic Round Member Adapters



PIM  SHIELD®

- Non-conductive and non-corrosive
- 1/2" (13 mm) band
- Nylon 66 screw

| Part #  | Size Range | U of M  | Weight | Price   |
|---------|------------|---------|--------|---------|
| PHC1-10 | 1" - 2"    | 10 pack | 0.8 lb | \$20.65 |
| PHC2-10 | 2" - 3"    | 10 pack | 1.0 lb | \$23.05 |
| PHC3-10 | 3" - 4"    | 10 pack | 1.2 lb | \$27.40 |
| PHC4-10 | 4" - 5"    | 10 pack | 1.3 lb | \$29.80 |
| PHC5-10 | 5" - 7"    | 10 pack | 1.5 lb | \$34.65 |



## End Dust Caps

- Female caps for male connectors
- Brass body with nickel plated finish
- Silicone O-ring

| Part #  | For Connector | Weight   | Price  |
|---------|---------------|----------|--------|
| DCD716  | DIN 7/16 Male | 0.075 lb | \$9.90 |
| DCD4310 | Mini DIN Male | 0.07 lb  | \$9.45 |



# CUSHION HANGERS

## Cushion Hanger Kits

- Manufactured from EPDM rubber for excellent UV-resistance
- Kits include five each rubber inserts, SS hose clamps, and clamp heads
- Attach with 3/8" hardware



### Coax Cables

| Part #     | Cable Size & Type | Hole Size | # of Holes | U of M | Weight | Price   |
|------------|-------------------|-----------|------------|--------|--------|---------|
| SR143F-K   | 1/4" Flex Coax    | 0.295"    | 3          | 5 pack | 2.1 lb | \$47.10 |
| SR38-K     | 3/8" Coax         | 0.440"    | 1          | 5 pack | 1.8 lb | \$47.10 |
| SR384-K    | 3/8" Coax         | 0.440"    | 4          | 5 pack | 2.1 lb | \$47.10 |
| SR12FLX-K  | 1/2" Flex Coax    | 0.520"    | 1          | 5 pack | 2.1 lb | \$47.10 |
| SR124FLX-K | 1/2" Flex Coax    | 0.520"    | 4          | 5 pack | 2.0 lb | \$47.10 |
| SR12-K     | 1/2" Foam Coax    | 0.630"    | 1          | 5 pack | 2.1 lb | \$47.10 |
| SR122-K    | 1/2" Foam Coax    | 0.630"    | 2          | 5 pack | 2.0 lb | \$47.10 |
| SR123-K    | 1/2" Foam Coax    | 0.630"    | 3          | 5 pack | 2.0 lb | \$47.10 |
| SR124-K    | 1/2" Foam Coax    | 0.630"    | 4          | 5 pack | 1.9 lb | \$47.10 |
| SR129-K    | 1/2" Foam Coax    | 0.630"    | 9          | 5 pack | 1.7 lb | \$47.10 |
| SRLR94-K   | 5/8" Coax         | 0.870"    | 4          | 5 pack | 1.7 lb | \$47.10 |
| SR78-K     | 7/8" Coax         | 1.110"    | 1          | 5 pack | 2.0 lb | \$47.10 |
| SR782-K    | 7/8" Coax         | 1.110"    | 2          | 5 pack | 1.8 lb | \$47.10 |
| SR783-K    | 7/8" Coax         | 1.110"    | 3          | 5 pack | 1.6 lb | \$47.10 |
| SR784-K    | 7/8" Coax         | 1.110"    | 4          | 5 pack | 1.3 lb | \$47.10 |
| SR114-K    | 1-1/4" Coax       | 1.560"    | 1          | 5 pack | 1.8 lb | \$47.10 |
| SR158-K    | 1-5/8" Coax       | 2.000"    | 1          | 5 pack | 1.5 lb | \$47.10 |
| SR214-K    | 2-1/4" Coax       | 2.375"    | 1          | 5 pack | 1.3 lb | \$47.10 |
| SRZERO-K   | Blank, No Holes   | -         | 0          | 5 pack | 1.4 lb | \$47.10 |

### Mixed Coax

| Part #   | Cable Size & Type             | Hole Size  | # of Holes | U of M | Weight | Price   |
|----------|-------------------------------|------------|------------|--------|--------|---------|
| SR121M-K | (1) 1/2" Foam Coax & (2) 7/8" | 0.63, 1.11 | 3          | 5 pack | 1.7 lb | \$47.10 |
| SR122M-K | (2) 1/2" Foam Coax & (1) 7/8" | 0.63, 1.11 | 3          | 5 pack | 1.7 lb | \$47.10 |
| SR123M-K | (3) 1/2" Foam Coax & (2) 7/8" | 0.63, 1.11 | 5          | 5 pack | 1.6 lb | \$47.10 |

## Cushion Hanger Kits (continued)

### LMR Cables

| Part #   | Cable Size & Type           | Hole Size | # of Holes | U of M | Weight | Price   |
|----------|-----------------------------|-----------|------------|--------|--------|---------|
| SRLR24-K | LMR-240                     | 0.240"    | 4          | 5 pack | 2.0 lb | \$47.10 |
| SRLX4-K  | LMR-400, 3/8" Flex, & RG11U | 0.405"    | 1          | 5 pack | 2.2 lb | \$47.10 |
| SRLR42-K | LMR-400, 3/8" Flex, & RG11U | 0.405"    | 2          | 5 pack | 2.1 lb | \$47.10 |
| SRLR44-K | LMR-400, 3/8" Flex, & RG11U | 0.405"    | 4          | 5 pack | 2.1 lb | \$47.10 |
| SRLR94-K | LMR-900                     | 0.870"    | 4          | 5 pack | 1.7 lb | \$47.10 |

### Elliptical Waveguide

| Part #    | Cable Size & Type            | Hole Size    | # of Holes | U of M | Weight | Price   |
|-----------|------------------------------|--------------|------------|--------|--------|---------|
| SREW43-K  | EW43                         | 2.85 x 1.64  | 1          | 5 pack | 1.5 lb | \$47.10 |
| SREW52-K  | EW52, EWP52, WE61            | 2.25 x 1.30  | 1          | 5 pack | 1.8 lb | \$47.10 |
| SREW63-K  | EW63, EWP63, WE65            | 2.01 x 1.165 | 1          | 5 pack | 1.8 lb | \$47.10 |
| SREW632-K | EW63, EWP63, WE65            | 2.01 x 1.165 | 2          | 5 pack | 1.4 lb | \$47.10 |
| SREW77-K  | EW77 & EWP77                 | 1.76 x 1.04  | 1          | 5 pack | 1.9 lb | \$47.10 |
| SREW772-K | EW77 & EWP77                 | 1.76 x 1.04  | 2          | 5 pack | 1.8 lb | \$47.10 |
| SREW90-K  | EW90 & EWP90                 | 1.32 x 0.80  | 1          | 5 pack | 2.0 lb | \$47.10 |
| SREW903-K | EW90 & EWP90                 | 1.32 x 0.80  | 3          | 5 pack | 1.7 lb | \$47.10 |
| SREW180-K | EW180, EWP180, WE190 & WE191 | 0.80 x 0.49  | 1          | 5 pack | 1.8 lb | \$47.10 |

### Rectangular Waveguide

| Part #     | Cable Size & Type | Hole Size    | # of Holes | U of M | Weight | Price   |
|------------|-------------------|--------------|------------|--------|--------|---------|
| SRWR75-K   | WR75              | 0.85 x 0.475 | 1          | 5 pack | 2.1 lb | \$47.10 |
| SRWR90F-K  | WR90 Flex         | 1.21 x 0.67  | 1          | 5 pack | 2.1 lb | \$47.10 |
| SRWR137-K  | WR137             | 1.50 x 0.75  | 1          | 5 pack | 2.0 lb | \$47.10 |
| SRWR137F-K | WR137 Flex        | 1.77 x 1.01  | 1          | 5 pack | 1.9 lb | \$47.10 |

## CUSHION HANGER ACCESSORIES

### Clamp Heads

- Heavy-duty 304 stainless steel construction
- Slot accepts 1/2" banding or hose Clamps
- Attach with 3/8" hardware

| Part # | U of M | Weight  | Price  |
|--------|--------|---------|--------|
| CLH    | Each   | 0.01 lb | \$0.60 |



### Nylon Cross

- Four 3/8" threaded holes
- 3/4" thick x 1-1/2" OD
- Manufactured from UV-resistant nylon
- Convenient way to mount cushion hangers

| Part # | U of M | Weight | Price   |
|--------|--------|--------|---------|
| NCR5   | 5 pack | 0.5 lb | \$59.15 |



### Super Cross

- Six 3/8" threaded holes allow attachment of five cushion hangers
- Manufactured from lightweight aluminum
- Includes 3/8" x 3-1/2" stainless steel threaded rod, nut, and lock washer
- Sold individually

| Part # | U of M | Weight | Price   |
|--------|--------|--------|---------|
| SCR6   | Each   | 0.5 lb | \$28.85 |



## Lace-Up Hoisting Grips

- Lace-up grips allow installation after connectors are installed
- Stainless steel braided wire construction
- Our grips are longer, resulting in less stress to the cable and greater performance in resisting pull-out, flexure, and vibration

| Part # | Cable Size & Type      | Overall Length | Mesh Length | Type    | Weight | Price   |
|--------|------------------------|----------------|-------------|---------|--------|---------|
| HG12   | 1/2" Coax & LMR-600    | 15"            | 8"          | Lace-Up | 0.1 lb | \$17.55 |
| HG58   | 5/8" Coax & LMR-900    | 29"            | 22"         | Lace-Up | 0.3 lb | \$22.15 |
| HG78   | 7/8" Coax & LMR-1200   | 34"            | 21-1/2"     | Lace-Up | 0.4 lb | \$25.25 |
| HG114  | 1-1/4" Coax & LMR-1700 | 40"            | 27"         | Lace-Up | 0.4 lb | \$26.30 |
| HG158  | 1-5/8" Coax            | 45"            | 30"         | Lace-Up | 0.4 lb | \$28.85 |
| HG214  | 2-1/4" Coax            | 45"            | 30"         | Lace-Up | 0.6 lb | \$45.10 |



## Closed Hoisting Grips

- Closed style allows simplified installation, simply slip-on to cable
- Stainless steel braided wire construction
- Use at top of cable before attaching connector

| Part #  | Cable Size & Type           | Overall length | Mesh length | Type    | Weight  | Price   |
|---------|-----------------------------|----------------|-------------|---------|---------|---------|
| HG38-C  | LMR-400, 3/8" Flex, & RG11U | 11"            | 6"          | Slip-On | 0.05 lb | \$18.05 |
| HG12-C  | 1/2" Coax & LMR-600         | 18"            | 7"          | Slip-On | 0.1 lb  | \$18.80 |
| HG58-C  | 5/8" Coax & LMR-900         | 25"            | 14"         | Slip-On | 0.2 lb  | \$22.15 |
| HG78-C  | 7/8" Coax & LMR-1200        | 34"            | 21-1/2"     | Slip-On | 0.4 lb  | \$25.25 |
| HG114-C | 1-1/4" Coax & LMR-1700      | 40"            | 27"         | Slip-On | 0.4 lb  | \$26.30 |
| HG158-C | 1-5/8" Coax                 | 45"            | 30"         | Slip-On | 0.4 lb  | \$28.85 |
| HG214-C | 2-1/4" Coax                 | 45"            | 30"         | Slip-On | 0.6 lb  | \$45.10 |



## Select™ Screw-Pin Shackles

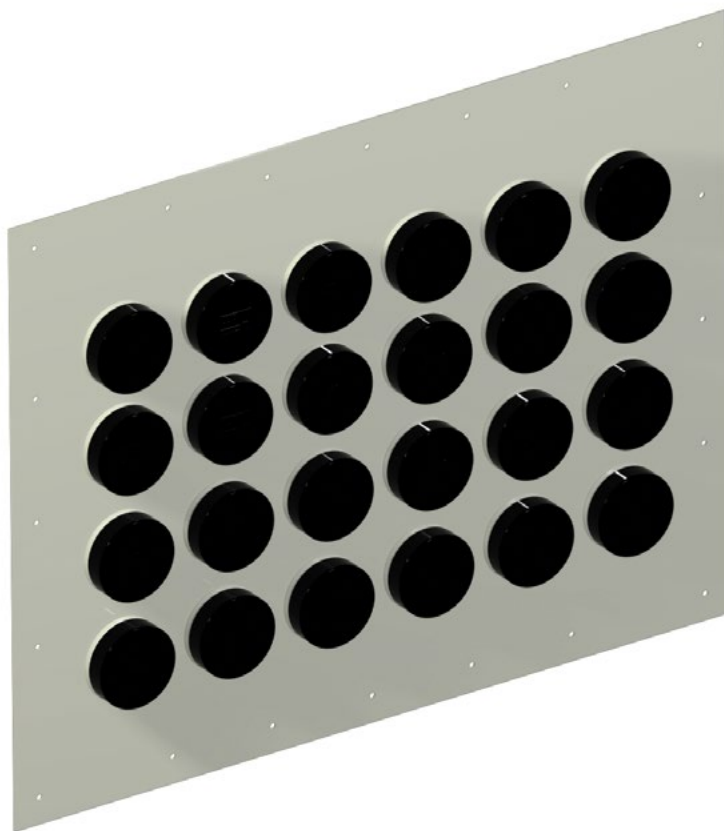
- Hot-dip galvanized construction
- Screw pin meets Federal Specification RR-C-271D, Type IVA, Grade A, Class 2
- BUCKETS: Add "-B" to end of part #

| Part # | Size            | Weight | Each   | Weight | Buckets            |
|--------|-----------------|--------|--------|--------|--------------------|
| SHK14  | 1/4" (1/2 Ton)  | 0.1 lb | \$4.01 | 25 lb  | \$682.00 (200 pcs) |
| SHK516 | 5/16" (3/4 Ton) | 0.2 lb | \$3.73 | 15 lb  | \$238.00 (75 pcs)  |
| SHK38  | 3/8" (1 Ton)    | 0.3 lb | \$5.56 | 25 lb  | \$355.00 (75 pcs)  |





# BOOTS AND PANELS



## Roxtec Conduit Seals™ NEW

- Lightweight cable entry solution for fiber cables
- Watertight and dust-tight
- Provides built-in spare capacity
- For use with 2" conduit
- **T-Mobile Approved**

| Part # | # of Cables | Cable Dia     | Weight | Price    |
|--------|-------------|---------------|--------|----------|
| 102620 | 1           | 9.5 – 32.5 mm | 1 lb   | \$185.00 |
| 102621 | 4           | 3.5 – 16.5 mm | 1 lb   | \$188.50 |



## 4" Boot Assembly

- Boot material is unaffected by ozone, sunlight, aging, or temperature extremes; material meets ASTM-D2000 and SAE J200
- One-piece design for easy installation and superior water sealing properties
- Kit includes rubber boot and two stainless steel hose clamps
- Purchase cushion inserts separately (shown on p. 202-203)

| Part # | U of M | Weight | Price   |
|--------|--------|--------|---------|
| B400   | Each   | 1.1 lb | \$25.50 |



## 4-1/2" Boot Assembly

- This boot is used around 4-1/2" OD pipe or conduit; it does not fit entry panels
- Boot material is unaffected by ozone, sunlight, aging, or temperature extremes; material meets ASTM-D2000 and SAE J200
- Traditional two-piece design boot
- Kit includes rubber boot and two stainless steel hose clamps
- Purchase cushion inserts separately (shown on p. 202-203)

| Part # | U of M | Weight | Price   |
|--------|--------|--------|---------|
| B450   | Each   | 1.3 lb | \$49.25 |



## 5" Boot Assembly

- Boot material is unaffected by ozone, sunlight, aging, or temperature extremes; material meets ASTM-D2000 and SAE J200
- One-piece design for easy installation and superior water sealing properties
- Kit includes rubber boot and two stainless steel hose clamps
- Purchase cushion inserts separately (shown on p. 202-203)

| Part # | U of M | Weight | Price   |
|--------|--------|--------|---------|
| B500   | Each   | 1.3 lb | \$42.15 |



For Larger Boots see page 206.

# CUSHION INSERTS

## Cushion Inserts

- Manufactured from EPDM rubber for excellent UV-resistance
- Use with our 4", 4-1/2", and 5" boot assemblies
- Sold individually



## Coax Cables

| Part #   | Cable Size & Type | # of Holes | Hole Size | Weight | Price  |
|----------|-------------------|------------|-----------|--------|--------|
| SR143F   | 1/4" Flex Coax    | 3          | 0.295"    | 0.3 lb | \$7.80 |
| SR38     | 3/8" Coax         | 1          | 0.440"    | 0.3 lb | \$7.80 |
| SR384    | 3/8" Coax         | 4          | 0.440"    | 0.3 lb | \$7.80 |
| SR12FLX  | 1/2" Flex Coax    | 1          | 0.520"    | 0.3 lb | \$7.80 |
| SR124FLX | 1/2" Flex Coax    | 4          | 0.520"    | 0.3 lb | \$7.80 |
| SR12     | 1/2" Foam Coax    | 1          | 0.630"    | 0.3 lb | \$7.80 |
| SR122    | 1/2" Foam Coax    | 2          | 0.630"    | 0.3 lb | \$7.80 |
| SR123    | 1/2" Foam Coax    | 3          | 0.630"    | 0.3 lb | \$7.80 |
| SR124    | 1/2" Foam Coax    | 4          | 0.630"    | 0.3 lb | \$7.80 |
| SR129    | 1/2" Foam Coax    | 9          | 0.630"    | 0.3 lb | \$7.80 |
| SRLR94   | 5/8" Coax         | 4          | 0.870"    | 0.3 lb | \$7.80 |
| SR78     | 7/8" Coax         | 1          | 1.110"    | 0.3 lb | \$7.80 |
| SR782    | 7/8" Coax         | 2          | 1.110"    | 0.3 lb | \$7.80 |
| SR783    | 7/8" Coax         | 3          | 1.110"    | 0.3 lb | \$7.80 |
| SR784    | 7/8" Coax         | 4          | 1.110"    | 0.3 lb | \$7.80 |
| SR114    | 1-1/4" Coax       | 1          | 1.560"    | 0.3 lb | \$7.80 |
| SR158    | 1-5/8" Coax       | 1          | 2.000"    | 0.3 lb | \$7.80 |
| SR214    | 2-1/4" Coax       | 1          | 2.375"    | 0.3 lb | \$7.80 |
| SRZERO   | Blank, No Holes   | -          | -         | 0.3 lb | \$7.80 |

## Mixed Coax

| Part # | Cable Size & Type                  | # of Holes | Hole Size  | Weight | Price  |
|--------|------------------------------------|------------|------------|--------|--------|
| SR121M | (1) 1/2" Foam Coax & (2) 7/8" Coax | 3          | 0.63, 1.11 | 0.3 lb | \$7.80 |
| SR122M | (2) 1/2" Foam Coax & (1) 7/8" Coax | 3          | 0.63, 1.11 | 0.3 lb | \$7.80 |
| SR123M | (3) 1/2" Foam Coax & (2) 7/8" Coax | 5          | 0.63, 1.11 | 0.3 lb | \$7.80 |

## Cushion Inserts (continued)

### LMR Cables

| Part # | Cable Size & Type           | # of Holes | Hole Size | Weight | Price  |
|--------|-----------------------------|------------|-----------|--------|--------|
| SRLR24 | LMR-240                     | 4          | 0.240"    | 0.3 lb | \$7.80 |
| SRLX4  | LMR-400, 3/8" Flex, & RG11U | 1          | 0.405"    | 0.3 lb | \$7.80 |
| SRLR42 | LMR-400, 3/8" Flex, & RG11U | 2          | 0.405"    | 0.3 lb | \$7.80 |
| SRLR44 | LMR-400, 3/8" Flex, & RG11U | 4          | 0.405"    | 0.3 lb | \$7.80 |
| SRLR94 | LMR-900                     | 4          | 0.870"    | 0.3 lb | \$7.80 |

### Elliptical Waveguide

| Part #  | Cable Size & Type            | # of Holes | Hole Size    | Weight | Price  |
|---------|------------------------------|------------|--------------|--------|--------|
| SREW43  | EW43                         | 1          | 2.85 x 1.64  | 0.3 lb | \$7.80 |
| SREW52  | EW52, EWP52, WE61            | 1          | 2.25 x 1.30  | 0.3 lb | \$7.80 |
| SREW63  | EW63, EWP63, WE65            | 1          | 2.01 x 1.165 | 0.3 lb | \$7.80 |
| SREW632 | EW63, EWP63, WE65            | 2          | 2.01 x 1.165 | 0.3 lb | \$7.80 |
| SREW77  | EW77 & EWP77                 | 1          | 1.76 x 1.04  | 0.3 lb | \$7.80 |
| SREW772 | EW77 & EWP77                 | 2          | 1.76 x 1.04  | 0.3 lb | \$7.80 |
| SREW90  | EW90 & EWP90                 | 1          | 1.32 x 0.80  | 0.3 lb | \$7.80 |
| SREW903 | EW90 & EWP90                 | 3          | 1.32 x 0.80  | 0.3 lb | \$7.80 |
| SREW180 | EW180, EWP180, WE190 & WE191 | 1          | 0.80 x 0.49  | 0.3 lb | \$7.80 |

### Rectangular Waveguide

| Part #   | Cable Size & Type | # of Holes | Hole Size    | Weight | Price  |
|----------|-------------------|------------|--------------|--------|--------|
| SRWR75   | WR75              | 1          | 0.85 x 0.475 | 0.3 lb | \$7.80 |
| SRWR90F  | WR90 Flex         | 1          | 1.21 x .67   | 0.3 lb | \$7.80 |
| SRWR137  | WR137             | 1          | 1.5 x .75    | 0.3 lb | \$7.80 |
| SRWR137F | WR137 Flex        | 1          | 1.77 x 1.01  | 0.3 lb | \$7.80 |

## Cushion Plugs

| Part # | Cable  | U of M | Weight | Price  |
|--------|--------|--------|--------|--------|
| PG12   | 1/2"   | Each   | 0.1 lb | \$1.30 |
| PG78   | 7/8"   | Each   | 0.1 lb | \$7.20 |
| PG114  | 1-1/4" | Each   | 0.1 lb | \$3.50 |
| PG158  | 1-5/8" | Each   | 0.1 lb | \$9.35 |
| PGEW90 | EW90   | Each   | 0.1 lb | \$2.20 |

- Use to seal unused holes



## BOOT KITS

### 4" and 5" Boot Kits

- Manufactured from EPDM rubber for excellent UV-resistance
- One-piece design for easy installation and superior water sealing properties
- Kits include rubber boot, cushion insert, and two stainless steel hose clamps



### Coax Cables

| Part #   |          | Cable Size & Type | # of Holes | Weight |        | Price   |         |
|----------|----------|-------------------|------------|--------|--------|---------|---------|
| 4"       | 5"       |                   |            | 4"     | 5"     | 4"      | 5"      |
| BA143F   | BB143F   | 1/4" Flex Coax    | 3          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA38     | BB38     | 3/8" Coax         | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA384    | BB384    | 3/8" Coax         | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA12FLX  | BB12FLX  | 1/2" Flex Coax    | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA124FLX | BB124FLX | 1/2" Flex Coax    | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA12     | BB12     | 1/2" Foam Coax    | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA122    | BB122    | 1/2" Foam Coax    | 2          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA123    | BB123    | 1/2" Foam Coax    | 3          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA124    | BB124    | 1/2" Foam Coax    | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA129    | BB129    | 1/2" Foam Coax    | 9          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BALR94   | BBLR94   | 5/8" Coax         | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA78     | BB78     | 7/8" Coax         | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA782    | BB782    | 7/8" Coax         | 2          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA783    | BB783    | 7/8" Coax         | 3          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA784    | BB784    | 7/8" Coax         | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA114    | BB114    | 1-1/4" Coax       | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA158    | BB158    | 1-5/8" Coax       | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA214    | BB214    | 2-1/4" Coax       | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAZERO   | BBZERO   | Blank, No Holes   | -          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |

### Mixed Coax

| Part # |        | Cable Size & Type                  | # of Holes | Weight |        | Price   |         |
|--------|--------|------------------------------------|------------|--------|--------|---------|---------|
| 4"     | 5"     |                                    |            | 4"     | 5"     | 4"      | 5"      |
| BA121M | BB121M | (1) 1/2" Foam Coax & (2) 7/8" Coax | 3          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA122M | BB122M | (2) 1/2" Foam Coax & (1) 7/8" Coax | 3          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BA123M | BB123M | (3) 1/2" Foam Coax & (2) 7/8" Coax | 5          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |

## 4" and 5" Boot Kits (continued)

### LMR Cables

| Part # |        | Cable Size & Type           | # of Holes | Weight |        | Price   |         |
|--------|--------|-----------------------------|------------|--------|--------|---------|---------|
| 4"     | 5"     |                             |            | 4"     | 5"     | 4"      | 5"      |
| BALR24 | BBLR24 | LMR-240                     | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BALX4  | BBLX4  | LMR-400, 3/8" Flex, & RG11U | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BALR42 | BBLR42 | LMR-400, 3/8" Flex, & RG11U | 2          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BALR44 | BBLR44 | LMR-400, 3/8" Flex, & RG11U | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BALR94 | BBLR94 | LMR-900                     | 4          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |

### Elliptical Waveguide

| Part #  |         | Cable Size & Type            | # of Holes | Weight |        | Price   |         |
|---------|---------|------------------------------|------------|--------|--------|---------|---------|
| 4"      | 5"      |                              |            | 4"     | 5"     | 4"      | 5"      |
| BAEW43  | BBEW43  | EW43                         | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW52  | BBEW52  | EW52, EWP52, WE61            | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW63  | BBEW63  | EW63, EWP63, WE65            | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW632 | BBEW632 | EW63, EWP63, WE65            | 2          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW77  | BBEW77  | EW77 & EWP77                 | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW772 | BBEW772 | EW77 & EWP77                 | 2          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW90  | BBEW90  | EW90 & EWP90                 | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW903 | BBEW903 | EW90 & EWP90                 | 3          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAEW180 | BBEW180 | EW180, EWP180, WE190 & WE191 | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |

### Rectangular Waveguide

| Part #   |          | Cable Size & Type | # of Holes | Weight |        | Price   |         |
|----------|----------|-------------------|------------|--------|--------|---------|---------|
| 4"       | 5"       |                   |            | 4"     | 5"     | 4"      | 5"      |
| BAWR75   | BBWR75   | WR75              | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAWR90F  | BBWR90F  | WR90 Flex         | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAWR137  | BBWR137  | WR137             | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |
| BAWR137F | BBWR137F | WR137 Flex        | 1          | 1.4 lb | 2.0 lb | \$33.25 | \$49.95 |



# LARGE BOOT KITS

## Large Boot Kits

- Manufactured from EPDM rubber for excellent UV-resistance
- Kit includes rubber boot and two stainless steel hose clamps
- No cushion inserts required - holes are molded into the one-piece boot jacket
- 6" and 8" boots are for use with conduit
- 6-5/8" and 8-5/8" boots are for use with pipe
- Blank boots can be used for custom hole sizes or layouts
- For smaller cable sizes use with barrel cushions (p. 187-188)
- Other sizes also available - contact our sales staff



### 6" Boots

| Part # | Cable Size & Type | # of Holes | Weight | Price   |
|--------|-------------------|------------|--------|---------|
| BE784  | 7/8" Coax         | 4          | 2.5 lb | \$81.25 |
| BE1143 | 1-1/4" Coax       | 3          | 2.5 lb | \$81.25 |
| BE1582 | 1-5/8" Coax       | 2          | 2.5 lb | \$81.25 |
| BEZERO | Blank, No Holes   | -          | 2.5 lb | \$81.25 |

### 6-5/8" Boots

| Part # | Cable Size & Type | # of Holes | Weight | Price   |
|--------|-------------------|------------|--------|---------|
| BF784  | 7/8" Coax         | 4          | 2.5 lb | \$88.50 |
| BF1143 | 1-1/4" Coax       | 3          | 2.5 lb | \$88.50 |
| BF1582 | 1-5/8" Coax       | 2          | 2.5 lb | \$88.50 |
| BF1583 | 1-5/8" Coax       | 3          | 2.5 lb | \$88.50 |
| BFZERO | Blank, No Holes   | -          | 2.5 lb | \$88.50 |

### 8" Boots

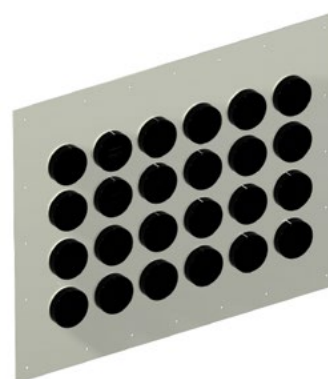
| Part # | Cable Size & Type | # of Holes | Weight | Price   |
|--------|-------------------|------------|--------|---------|
| BC1583 | 1-5/8" Coax       | 3          | 3.0 lb | \$99.25 |
| BC1584 | 1-5/8" Coax       | 4          | 3.0 lb | \$99.25 |

### 8-5/8" Boots

| Part # | Cable Size & Type | # of Holes | Weight | Price    |
|--------|-------------------|------------|--------|----------|
| BG784  | 7/8" Coax         | 4          | 3.3 lb | \$101.00 |
| BG1583 | 1-5/8" Coax       | 3          | 3.3 lb | \$101.00 |
| BG1584 | 1-5/8" Coax       | 4          | 3.3 lb | \$101.00 |
| BGZERO | Blank, No Holes   | -          | 3.3 lb | \$101.00 |

## Aluminum Entry Panels

- Manufactured from heavy-gauge T6 aluminum
- Tough baked-on powder coat finish
- Sealing caps and stainless steel mounting hardware included



### 4" Panels

| Part # | Port Size | #of Ports                | Port Layout | Wall Opening  | Overall Size  | Weight  | Each     |
|--------|-----------|--------------------------|-------------|---------------|---------------|---------|----------|
| E220   | 4"        | 1                        | 1 x 1       | 4" x 4"       | 7" x 7"       | 0.6 lb  | \$25.05  |
| E574   | 4"        | 1                        | 1 x 1       | 4" x 4"       | 5" x 5"       | 0.4 lb  | \$26.30  |
| E1448  | 4"        | 2                        | 1 x 2       | 4" x 10"      | 9.5" x 15.5"  | 1.9 lb  | \$56.95  |
| E1635  | 4"        | 3                        | 1 x 3       | 4" x 15"      | 9.5" x 20"    | 2.6 lb  | \$66.95  |
| E575   | 4"        | 4                        | 1 x 4       | 4" x 20.5"    | 9.5" x 25.5"  | 3.1 lb  | \$86.50  |
| E1199  | 4"        | 4                        | 2 x 2       | 9.5" x 11"    | 17.5" x 17.5" | 3.8 lb  | \$84.75  |
| E1449  | 4"        | 6                        | 2 x 3       | 9.5" x 15"    | 17.5" x 23"   | 4.8 lb  | \$120.50 |
| E576   | 4"        | 8                        | 2 x 4       | 9.5" x 20.5"  | 17.5" x 25.5" | 5.5 lb  | \$146.50 |
| E2408  | 4"        | 9                        | 3 x 3       | 15" x 15"     | 23" x 23"     | 6.7 lb  | \$170.00 |
| E1118  | 4"        | 12                       | 3 x 4       | 15" x 20.5"   | 25.5" x 25.5" | 7.9 lb  | \$216.00 |
| E1336  | 4"        | 12                       | 2 x 6       | 9.5" x 31.5"  | 17.5" x 39.5" | 8.5 lb  | \$234.00 |
| E1447  | 4"        | 16                       | 4 x 4       | 20.5" x 20.5" | 25.5" x 25.5" | 8.3 lb  | \$256.00 |
| E1333  | 4"        | 18                       | 3 x 6       | 15" x 31.5"   | 25.5" x 39.5" | 12.2 lb | \$309.00 |
| E1340  | 4"        | 24                       | 4 x 6       | 20.5" x 31.5" | 31" x 39.5"   | 14.8 lb | \$397.00 |
| CAP4   | 4"        | Replacement Sealing Caps |             |               |               | 0.1 lb  | \$3.75   |

### 5" Panels

| Part # | Port Size | #of Ports                | Port Layout | Wall Opening | Overall Size  | Weight | Each     |
|--------|-----------|--------------------------|-------------|--------------|---------------|--------|----------|
| E549   | 5"        | 1                        | 1 x 1       | 5" x 5"      | 9.5" x 9.5"   | 1.2 lb | \$78.30  |
| E550   | 5"        | 2                        | 1 x 2       | 5" x 12"     | 9.5" x 17.5"  | 2.1 lb | \$129.50 |
| E551   | 5"        | 3                        | 1 x 3       | 5" x 19"     | 9.5" x 25.5"  | 5.0 lb | \$152.00 |
| E552   | 5"        | 4                        | 2 x 2       | 12" x 12"    | 17.5" x 17.5" | 4.0 lb | \$163.50 |
| E553   | 5"        | 6                        | 2 x 3       | 12" x 19"    | 17.5" x 25.5" | 6.0 lb | \$258.00 |
| E1191  | 5"        | 8                        | 2 x 4       | 12" x 26"    | 17.5" x 33.5" | 7.0 lb | \$363.00 |
| CAP5   | 5"        | Replacement Sealing Caps |             |              |               | 0.1 lb | \$6.75   |

## TUBE ENTRIES

### Tube Entry with 4" Port

- Tube entry provides a single port through a wall or roof
- For use on walls up to 1' 8" thick, and can be easily cut down for thinner walls such as in a fiberglass equipment building
- A 4" boot is used to weatherproof between the tube entry and the transmission line; for a more finished appearance a boot can be used on the interior as well
- Kit includes threaded PVC conduit (2-3/4" ID, 3-3/8" OD), 9" aluminum retainers, and nuts

| Part # | Max Wall Thickness | Weight | Price    |
|--------|--------------------|--------|----------|
| TEP20  | 1' 8"              | 4.3 lb | \$250.00 |



### Cable/Electrical Entry

- Cable/electrical entry provides a single port through a wall for small transmission line or cable
- Threaded conduit is 1-1/4" ID, 1-5/8" OD
- For use on walls up to 9" thick, and can be easily cut down for thinner walls such as in a fiberglass equipment building
- When combined with our cable entry connectors (see below), the entry provides a watertight installation for 1/2" or 7/8" transmission line

| Part # | Max Wall Thickness | Weight | Price    |
|--------|--------------------|--------|----------|
| CE09   | 9"                 | 2.4 lb | \$115.50 |



### Cable Entry Connectors

- Used with our CE09 cable/electrical entry for watertight installations
- Available for 1/2" or 7/8" transmission lines

| Part # | Cable Diameter     | Weight | Price   |
|--------|--------------------|--------|---------|
| ENC12  | 1/2" to 5/8"       | 0.3 lb | \$23.25 |
| ENC78  | 1-1/16" to 1-3/16" | 0.5 lb | \$50.25 |



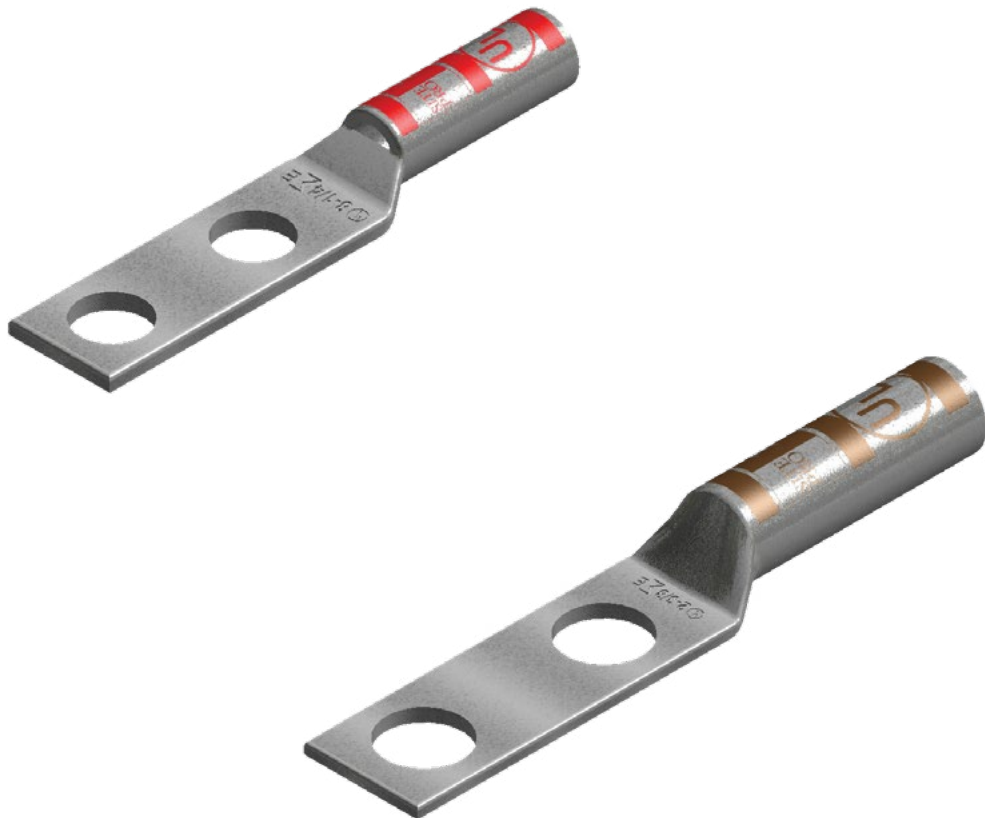
### Duct Seal

- Used for sealing entry panels; excellent adhesion
- Can be painted
- Unlimited shelf life

| Part # | Weight | Price   |
|--------|--------|---------|
| EPD1   | 1.1 lb | \$10.20 |



# GROUNDING



# GROUND KITS

## Clip-On Ground Kits

- Simple installation; just wrap around cable and clip bail closed
- Design ensures tight fit without any damage to the cable
- Proper contact surface area and pressure are always maintained
- Kits include universal slotted 3/8" two-hole lug, hardware, butyl, and electrical tape
- Comply with MIL-STD-188-124A and withstands lightning strikes in excess of 200kA

| Part #  | Cable Size & Type | Length | Lug        | Weight | Price   |
|---------|-------------------|--------|------------|--------|---------|
| GK-C12  | 1/2" Corrugated   | 5'     | Unattached | 1.5 lb | \$29.95 |
| GK-C78  | 7/8" Corrugated   | 5'     | Unattached | 1.7 lb | \$29.95 |
| GK-C114 | 1-1/4" Corrugated | 5'     | Unattached | 1.7 lb | \$29.95 |
| GK-C158 | 1-5/8" Corrugated | 5'     | Unattached | 1.7 lb | \$29.95 |



## Tinned Ground Kit for LMR-400

- Tinned copper ground kit assembly
- Design ensures tight fit without any damage to the cable; tighten nuts with 7/16" wrench
- Proper contact surface area and pressure are always maintained
- Complies with MIL-STD-188-124A and withstands lightning strikes in excess of 200kA
- Kit includes unattached universal slotted 3/8" two-hole lug, hardware, butyl, and electrical tape

| Part #    | Cable Size & Type | Length | Lug        | Weight | Price   |
|-----------|-------------------|--------|------------|--------|---------|
| EKS-400TT | LMR-400/LMR-240   | 3'     | Unattached | 1.5 lb | \$22.85 |



Universal Ground Kit

- Fits cables from 1/2" to 3"; also fits elliptical waveguide EW43 to EW220 and WE61 to WE191
- Cut or break scored copper strap at marked location
- Complies with MIL-STD-188-124A and withstands lightning strikes in excess of 200kA
- Kit includes universal slotted 3/8" two-hole lug, hardware, butyl, electrical tape, and brass tightening tool

| Part # | Length | Lug        | Weight | Each    |
|--------|--------|------------|--------|---------|
| UGT5   | 5'     | Unattached | 1.4 lb | \$27.85 |



Universal Ground Kit for Cat5 & 1/4" - 1/2" Coax

- Fits Cat5 cables and coax cables from 1/4" to 1/2" (diameter range 0.100" - 0.600")
- Easy installation with a tinned copper loop that eliminates coiling tool
- Complies with MIL-STD-188-124A and withstands lightning strikes in excess of 200kA
- Kit includes 2' copper lead, factory attached 3/8" one-hole lug, hardware, butyl, and electrical tape

| Part # | Cable Size & Type                       | Length | Lug      | Weight | Price   |
|--------|-----------------------------------------|--------|----------|--------|---------|
| GKCAT5 | 1/4" - 1/2" Coax & Cat5 (0.10" - 0.60") | 2'     | Attached | 0.6 lb | \$16.60 |





CRIMPING TOOLS

Ratchet Crimping Tool

- Hand ratchet crimping tool with rotating die
- Ratchet action assures a complete crimping cycle every time
- Die is color coded
- Included die has four cavities; #6, #4, #2, and #2 solid
- SP1267-01 die also available separately; includes four cavities for #8, #6, #4, and #2 AWG

| Part #    | Description             | Weight | Price    |
|-----------|-------------------------|--------|----------|
| RCT5000   | Ratchet Crimping Tool   | 1.6 lb | \$286.00 |
| SP1267-01 | Die for 8, 6, 4 & 2 AWG | 1.0 lb | \$28.50  |



Dieless Crimping Tools

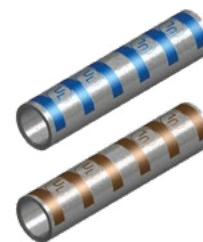
- Our dieless crimping tools provide equal pressure around any brand of lug, forming a homogeneous mass of copper
- Crimp from 8 gauge to 250 MCM
- Simple two-finger adjustment for cable size
- Can be used with our thin wall C-taps



| Part #  | Description           | Length | Range           | Weight | Price    |
|---------|-----------------------|--------|-----------------|--------|----------|
| SPT1000 | Dieless Crimping Tool | 24"    | 8 AWG - 250 MCM | 5.6 lb | \$365.00 |
| SPT15   | Dieless Crimping Tool | 15"    | 8 AWG - 2/0     | 2.7 lb | \$280.00 |

## Barrel Connectors

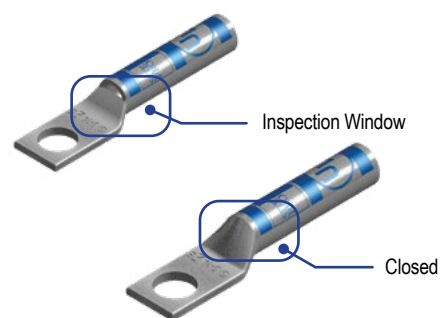
- UL listed
- Tin-plated copper
- Long length, color coded, and seamless
- BUCKETS: Add "-B" to end of part #



| Part # | Gauge | Color | Price  | Weight (per bucket) | Bucket (250 pcs) |
|--------|-------|-------|--------|---------------------|------------------|
| GL6B   | 6     | Blue  | \$1.22 | 4.2 lb              | \$281.00         |
| GL2B   | 2     | Brown | \$1.43 | 15.0 lb             | \$329.00         |

## One-Hole Compression Lugs

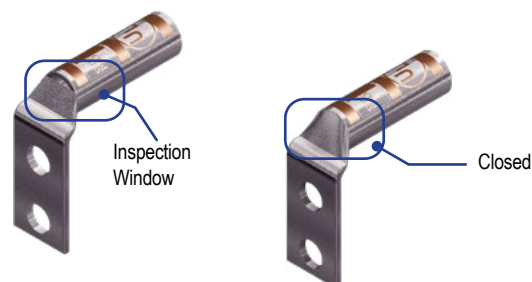
- UL listed
- Available with or without inspection window
- Tin-plated copper
- Longer barrel lengths than many other brands
- Color coded
- BUCKETS: Add "-B" to end of part #



| Part # | Gauge | Stud Size | Color | Type         | Price  | Weight (per bucket) | Bucket (250 pcs) |
|--------|-------|-----------|-------|--------------|--------|---------------------|------------------|
| HL804  | 8     | 1/4"      | Red   | Insp. Window | \$0.88 | 15.0 lb             | \$203.00         |
| HL604  | 6     | 1/4"      | Blue  | Insp. Window | \$1.00 | 6.0 lb              | \$230.00         |
| GL604  | 6     | 1/4"      | Blue  | Closed       | \$1.00 | 6.0 lb              | \$230.00         |
| HL606  | 6     | 3/8"      | Blue  | Insp. Window | \$1.14 | 6.0 lb              | \$263.00         |
| GL606  | 6     | 3/8"      | Blue  | Closed       | \$1.14 | 6.0 lb              | \$263.00         |
| HL212  | 2     | 3/8"      | Brown | Insp. Window | \$1.29 | 15.0 lb             | \$297.00         |
| GL212  | 2     | 3/8"      | Brown | Closed       | \$1.29 | 15.0 lb             | \$297.00         |

## 90° Two-Hole Compression Lugs

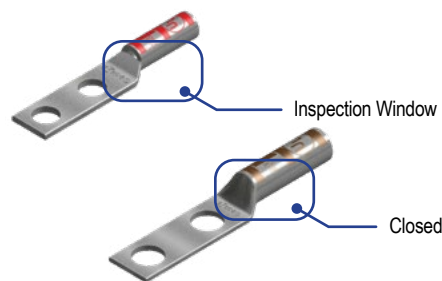
- UL listed
- Available with or without inspection window
- Tin-plated copper
- Chamfered ends allow easy wire insertion
- Longer barrel lengths than many other brands
- Color coded
- BUCKETS: Add "-B" to end of part #



| Part #   | Gauge | Stud Size | Hole Spacing | Color | Type         | Price  | Weight (per bucket) | Bucket (250 pcs) |
|----------|-------|-----------|--------------|-------|--------------|--------|---------------------|------------------|
| HL208-90 | 2     | 1/4"      | 5/8"         | Brown | Insp. Window | \$1.92 | 10.0 lb             | \$442.00         |
| GL208-90 | 2     | 1/4"      | 5/8"         | Brown | Closed       | \$1.92 | 10.0 lb             | \$442.00         |

## Two-Hole Compression Lugs

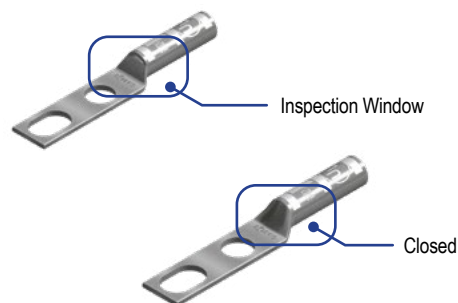
- UL listed
- Available with or without inspection window
- Tin-plated copper
- Chamfered ends allow easy wire insertion
- Longer barrel lengths than many other brands
- Color coded
- BUCKETS: Add "-B" to end of part #



| Part # | Gauge   | Stud Size | Hole Spacing  | Color    | Type         | Price  | Weight (per bucket) | Bucket (250 pcs) |
|--------|---------|-----------|---------------|----------|--------------|--------|---------------------|------------------|
| HL114  | 14-10   | 1/4"      | 5/8" (0.625") | No color | Insp. Window | \$1.51 | 4.0 lb              | \$348.00         |
| GL808  | 8       | #10       | 5/8" (0.625") | Red      | Closed       | \$1.29 | 6.0 lb              | \$297.00         |
| HL810  | 8       | 1/4"      | 5/8" (0.625") | Red      | Insp. Window | \$1.29 | 6.0 lb              | \$297.00         |
| HL610  | 6       | 1/4"      | 5/8" (0.625") | Blue     | Insp. Window | \$1.29 | 8.0 lb              | \$297.00         |
| GL610  | 6       | 1/4"      | 5/8" (0.625") | Blue     | Closed       | \$1.29 | 8.0 lb              | \$297.00         |
| HL612  | 6       | 3/8"      | 3/4" (0.750") | Blue     | Insp. Window | \$1.43 | 9.0 lb              | \$329.00         |
| HL614  | 6       | 3/8"      | 1"            | Blue     | Insp. Window | \$1.43 | 9.0 lb              | \$329.00         |
| GL614  | 6       | 3/8"      | 1"            | Blue     | Closed       | \$1.65 | 9.0 lb              | \$380.00         |
| HL208  | 2       | 1/4"      | 5/8" (0.625") | Brown    | Insp. Window | \$1.73 | 10.0 lb             | \$398.00         |
| GL208  | 2       | 1/4"      | 5/8"          | Brown    | Closed       | \$1.73 | 10.0 lb             | \$398.00         |
| HL214  | 2       | 3/8"      | 1"            | Brown    | Insp. Window | \$1.73 | 15.0 lb             | \$398.00         |
| GL214  | 2       | 3/8"      | 1"            | Brown    | Closed       | \$1.73 | 15.0 lb             | \$398.00         |
| HL210  | 2 Solid | 1/4"      | 5/8"          | White    | Insp. Window | \$1.65 | 15.0 lb             | \$380.00         |
| GL210  | 2 Solid | 1/4"      | 5/8"          | White    | Closed       | \$1.65 | 15.0 lb             | \$380.00         |
| HL216  | 2 Solid | 3/8"      | 1"            | White    | Insp. Window | \$1.73 | 15.0 lb             | \$398.00         |
| GL216  | 2 Solid | 3/8"      | 1"            | White    | Closed       | \$1.73 | 15.0 lb             | \$398.00         |
| HL2025 | 2/0     | 3/8"      | 1"            | Black    | Insp. Window | \$3.03 | 23.0 lb             | \$697.00         |
| HL4025 | 4/0     | 3/8"      | 1"            | Purple   | Insp. Window | \$5.68 | 23.0 lb             | \$1,307.00       |

## Universal Two-Hole Compression Lugs

- UL listed
- Available with or without inspection window
- Tin-plated copper
- Universal hole design allows 0.75" - 1.0" spacing
- Chamfered ends allow easy wire insertion
- Longer barrel lengths than many other brands
- Color coded
- BUCKETS: Add "-B" to end of part #



| Part # | Gauge   | Stud Size | Hole Spacing | Color | Type         | Price  | Weight (per bucket) | Bucket (250 pcs) |
|--------|---------|-----------|--------------|-------|--------------|--------|---------------------|------------------|
| HLU6   | 6       | 3/8"      | 0.75" - 1"   | Blue  | Insp. Window | \$1.43 | 7.3 lb              | \$329.00         |
| GLU6   | 6       | 3/8"      | 0.75" - 1"   | Blue  | Closed       | \$1.43 | 7.3 lb              | \$329.00         |
| HLU2S  | 2 Solid | 3/8"      | 0.75" - 1"   | White | Insp. Window | \$1.87 | 15.0 lb             | \$430.00         |
| GLU2S  | 2 Solid | 3/8"      | 0.75" - 1"   | White | Closed       | \$1.87 | 15.0 lb             | \$430.00         |
| HLU2   | 2       | 3/8"      | 0.75" - 1"   | Brown | Insp. Window | \$1.87 | 15.0 lb             | \$430.00         |
| GLU2   | 2       | 3/8"      | 0.75" - 1"   | Brown | Closed       | \$1.87 | 15.0 lb             | \$430.00         |

## Grounding Hardware Kits

- All stainless steel
- Use to attach lugs to ground bars, etc.
- Kits include 10 each bolts, lock washers, flat washers, and nuts
- BUCKETS: Add "-B" to end of part #

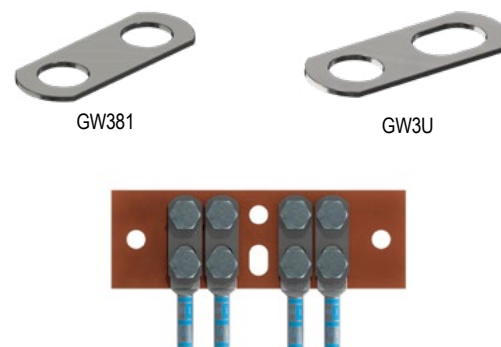
| Part # | Bolt Size     | U of M  | Price   | Weight (per bucket) | Bucket (50 packs) |
|--------|---------------|---------|---------|---------------------|-------------------|
| GHK14  | 1/4" x 1-1/4" | 10 pack | \$5.90  | 18.5 lb             | \$250.75          |
| GHK38  | 3/8" x 1-1/4" | 10 pack | \$13.65 | 39.0 lb             | \$580.00          |



## Ground Lug Washers

- Eliminate problems of overlapping washers on bus bars
- Provide evenly spread clamping force on lug
- No more grinding washers or skipping holes on bus bars
- GW381 works with 3/8" studs on 1" centers; GW3U works with 3/8" studs with 3/4" to 1" spacing
- 300 series stainless steel for ultimate corrosion resistance

| Part # | Stud Size | Hole Spacing | U of M  | Weight | Price  |
|--------|-----------|--------------|---------|--------|--------|
| GW381  | 3/8"      | 1"           | 10 pack | 0.1 lb | \$7.50 |
| GW3U   | 3/8"      | 3/4" - 1"    | 10 pack | 0.1 lb | \$8.80 |



## Split Bolts

- UL listed and CSA certified
- Hard drawn copper

| Part # | Min Wire | Max Wire | Weight | Price  |
|--------|----------|----------|--------|--------|
| S-2    | 6        | 2        | 0.2 lb | \$5.15 |
| S-20   | 2 Solid  | 2/0      | 0.2 lb | \$8.25 |



## Pipe Ground Clamps

- UL listed and CSA certified
- Hardware included (furnished with zinc plated steel screws)

| Part # | Pipe Range  | Wire Range     | Weight | Price   |
|--------|-------------|----------------|--------|---------|
| KP-1   | 1/2" - 1"   | 10 Sol - 2 Str | 0.2 lb | \$7.55  |
| KP-2   | 1-1/4" - 2" | 10 AWG - 2 AWG | 0.4 lb | \$16.90 |
| KP-4   | 2-1/2" - 4" | 10 Sol - 2 Str | 1.0 lb | \$49.65 |



## C-TAPS

### Thin Wall C-Taps

- UL listed and CSA certified
- Wire size and die index clearly marked
- Ribbed design provides high strength

| Part # | Run Wire   | Tap Wire    | Die Index | Weight  | Price  |
|--------|------------|-------------|-----------|---------|--------|
| RTC4   | 6          | 6           | Brown     | 0.05 lb | \$3.50 |
| RTC5   | 2 Solid    | 6           | Green     | 0.05 lb | \$4.15 |
| RTC6   | 2 Stranded | 6           | Pink      | 0.05 lb | \$5.10 |
| RTC7   | 2 Solid    | 2 Solid     | Black     | 0.05 lb | \$5.30 |
| RTC8   | 2 Stranded | 2 Str/2 Sol | Orange    | 0.1 lb  | \$5.65 |
| RTC9   | 2/0        | 2 Sol or 6  | Purple    | 0.1 lb  | \$7.10 |
| RTC10  | 2/0        | 2 Stranded  | Yellow    | 0.1 lb  | \$7.10 |



### Heavy-Duty C-Taps

- UL listed and CSA certified
- Wire size and die index clearly marked

| Part # | Run Wire  | Tap Wire  | Die Index | Weight  | Price   |
|--------|-----------|-----------|-----------|---------|---------|
| HDCT1  | 6         | 6         | BG or 5/8 | 0.05 lb | \$4.35  |
| HDCT2  | 2 Sol/Str | 6         | C         | 0.05 lb | \$5.45  |
| HDCT3  | 2 Sol/Str | 2 Sol/Str | C         | 0.05 lb | \$5.90  |
| HDCT4  | 2/0       | 2/0       | D3        | 0.2 lb  | \$15.10 |
| HDCT5  | 4/0       | 4/0       | D3        | 0.3 lb  | \$17.50 |



### Guy Wire Grounding Clamp

- Accepts ground wire #2 - 4/0
- For guy strand sizes 3/16" - 7/8"
- Suitable for direct burial
- UL listed #467
- 304 stainless steel hardware included
- Made of electro tin plated bronze
- Stocked in Plymouth, IN and Carrollton, TX facilities

| Part # | Description              | Weight | Price   |
|--------|--------------------------|--------|---------|
| 119690 | Guy Wire Grounding Clamp | 0.5 lb | \$26.50 |



## Ground Wire

- UL listed and CSA certified
- Due to the volatile nature of the copper markets, please call for current pricing or check our website
- **No returns, all sale final**

| Part # | Description                                              | Spool Size | Weight   | Price |
|--------|----------------------------------------------------------|------------|----------|-------|
| 6G-100 | 6 AWG Green THHN                                         | 100'       | 10.0 lb  | CALL  |
| 6G-250 | 6 AWG Green THHN                                         | 250'       | 25.0 lb  | CALL  |
| 6G-500 | 6 AWG Green THHN                                         | 500'       | 50.0 lb  | CALL  |
| 2S-100 | 2 Solid Tinned                                           | 100'       | 21.0 lb  | CALL  |
| 2S-250 | 2 Solid Tinned                                           | 250'       | 50.0 lb  | CALL  |
| 2S-500 | 2 Solid Tinned                                           | 500'       | 100.0 lb | CALL  |
| 2G-100 | 2 AWG Green THHN                                         | 100'       | 29.0 lb  | CALL  |
| 2G-250 | 2 AWG Green THHN                                         | 250'       | 64.0 lb  | CALL  |
| 2G-500 | 2 AWG Green THHN                                         | 500'       | 127.0 lb | CALL  |
| 2T-100 | 2 AWG Tinned Green THW-2<br>AT&T CEQ.15540 (sold per ft) | 100'       | 25.0 lb  | CALL  |
| 2T-250 | 2 AWG Tinned Green THW-2<br>AT&T CEQ.15540 (sold per ft) | 250'       | 63.0 lb  | CALL  |
| 2T-500 | 2 AWG Tinned Green THW-2<br>AT&T CEQ.15540 (sold per ft) | 500'       | 126.0 lb | CALL  |



## Cable Tray Jumpers

- 9" 6 AWG THHN green wire
- 2-hole configuration
- 1/4" or 3/8" stud sizes
- Connection is weatherproofed with shrink tube
- Mounting hardware included
- Real time saver at a great price

| Part # | Lug Type | Stud Size | Hole Spacing | Weight | Price   |
|--------|----------|-----------|--------------|--------|---------|
| CT214  | 2 Hole   | 1/4"      | 5/8"         | 0.3 lb | \$12.35 |
| CT238  | 2 Hole   | 3/8"      | 1"           | 0.5 lb | \$13.55 |



## Insulated Wire Clamps

- Stainless steel cable clamps with EPDM rubber insulation
- Keep your ground wires neat!
- BUCKETS: Add "-B" to end of part #

| Part # | Wire Size                   | Mounting Hole | Price  | Weight (per bucket) | Bucket (500 pcs) |
|--------|-----------------------------|---------------|--------|---------------------|------------------|
| C2S-14 | 2 Solid                     | 1/4"          | \$0.80 | 12.0 lb             | \$340.00         |
| C2S-38 | 2 Solid                     | 3/8"          | \$0.95 | 12.0 lb             | \$404.00         |
| C2-14  | 2 AWG THHN or<br>2/0 Tinned | 1/4"          | \$0.95 | 12.0 lb             | \$404.00         |
| C2-38  | 2 AWG THHN or<br>2/0 Tinned | 3/8"          | \$1.09 | 12.0 lb             | \$464.00         |





# CONDUIT

## Non-Metallic Flexible Conduit

- Smooth inside for easy cable pulling
- Flexible PVC construction
- Approved for direct burial

| Part # | Diameter | Length | Weight  | Price    |
|--------|----------|--------|---------|----------|
| NMC12  | 1/2"     | 100'   | 14.3 lb | \$121.30 |
| NMC34  | 3/4"     | 100'   | 20.0 lb | \$176.40 |



## Nylon Screw Connectors

- Domed nuts for easy hand tightening
- All-nylon construction resists salt water, oil, and common solvents
- Sealing washer for waterproof applications

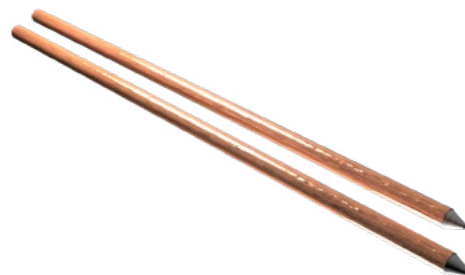
| Part # | Description          | Weight  | Price   |
|--------|----------------------|---------|---------|
| CON12  | 1/2" Screw Connector | 0.05 lb | \$2.30  |
| CON34  | 3/4" Screw Connector | 0.1 lb  | \$4.15  |
| CON02  | 2" Screw Connector   | 0.4 lb  | \$21.15 |



## Ground Rods

- UL listed and CSA certified
- Copper clad steel pointed ground rods

| Part # | Size       | Weight  | Price   |
|--------|------------|---------|---------|
| GR5880 | 5/8" x 8'  | 6.0 lb  | \$36.30 |
| GR5800 | 5/8" x 10' | 8.0 lb  | \$44.50 |
| GR3400 | 3/4" x 10' | 12.0 lb | \$83.00 |



## Chemical Ground Rod Kit

- Kit includes the chemical electrode (filled with electrolytic salts), bentonite, GEM backfill, and an inspection well
- Chemical ground rod with factory attached 4' pigtail (#2 solid tinned wire) facing up
- Provides an efficient earth in poor soil conditions where spacing for electrodes is limited
- "L" shaped with a 32" vertical section
- Other sizes available, please inquire



| Part #     | Orientation | Length | Conductor        | Description                      | Weight | Price      |
|------------|-------------|--------|------------------|----------------------------------|--------|------------|
| ECRH101T4U | Horizontal  | 10'    | 2 Solid Tin (4') | Complete Chemical Ground Rod Kit | 390 lb | \$2,170.00 |

## Ground Inspection Well

- High-density polyethylene inspection well
- Two knockouts per box (3.5" x 1.5")
- Allows for periodic testing of grounding system

| Part # | Size OD Top x Height x OD Bottom | Weight | Price   |
|--------|----------------------------------|--------|---------|
| T416B  | 10" x 10-1/4" x 13"              | 4.3 lb | \$67.50 |



## Ground Enhancement Material

- Although it is included in our chemical ground rod kit, we also offer it separately
- GEM is a low-resistance, non-corrosive, carbon-based material that improves grounding effectiveness
- Can be installed dry or wet



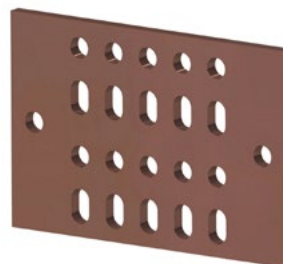
| Part #  | Size      | Price   |
|---------|-----------|---------|
| GEM-25A | 25 lb bag | \$42.00 |



## MG406U

- Accepts 3/8" lugs
- 20 holes allow up to 10 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

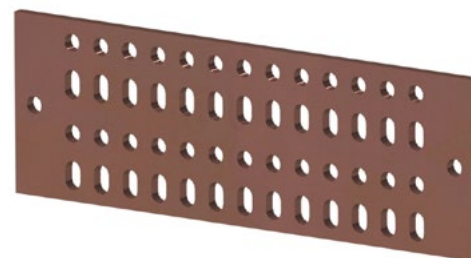
| Part #      | Description                                                   | Weight | Price   |
|-------------|---------------------------------------------------------------|--------|---------|
| MG406U      | 1/4" x 4" x 6" Ground Bar Only                                | 1.6 lb | \$64.00 |
| MG406U-K    | 1/4" x 4" x 6" Ground Bar with Insulators and Brackets        | 2.7 lb | \$91.20 |
| TINMG406U   | 1/4" x 4" x 6" Tinned Ground Bar                              | 1.6 lb | \$71.50 |
| TINMG406U-K | 1/4" x 4" x 6" Tinned Ground Bar with Insulators and Brackets | 2.7 lb | \$98.70 |



## MG412U

- Accepts 3/8" lugs
- 52 holes allow up to 26 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

| Part #      | Description                                                    | Weight | Price    |
|-------------|----------------------------------------------------------------|--------|----------|
| MG412U      | 1/4" x 4" x 12" Ground Bar Only                                | 3.1 lb | \$112.95 |
| MG412U-K    | 1/4" x 4" x 12" Ground Bar with Insulators and Brackets        | 4.2 lb | \$140.15 |
| TINMG412U   | 1/4" x 4" x 12" Tinned Ground Bar                              | 3.1 lb | \$125.05 |
| TINMG412U-K | 1/4" x 4" x 12" Tinned Ground Bar with Insulators and Brackets | 4.2 lb | \$152.25 |



## MG418U

- Accepts 3/8" lugs
- 84 holes allow up to 42 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

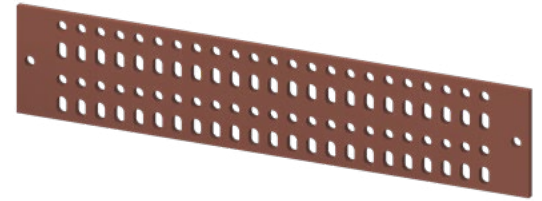
| Part #      | Description                                                    | Weight | Price    |
|-------------|----------------------------------------------------------------|--------|----------|
| MG418U      | 1/4" x 4" x 18" Ground Bar Only                                | 4.6 lb | \$150.60 |
| MG418U-K    | 1/4" x 4" x 18" Ground Bar with Insulators and Brackets        | 5.7 lb | \$177.80 |
| TINMG418U   | 1/4" x 4" x 18" Tinned Ground Bar                              | 4.6 lb | \$169.10 |
| TINMG418U-K | 1/4" x 4" x 18" Tinned Ground Bar with Insulators and Brackets | 5.7 lb | \$196.30 |



## MG420U

- Accepts 3/8" lugs
- 92 holes allow up to 46 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

| Part #      | Description                                                    | Weight | Price    |
|-------------|----------------------------------------------------------------|--------|----------|
| MG420U      | 1/4" x 4" x 20" Ground Bar Only                                | 5.2 lb | \$158.15 |
| MG420U-K    | 1/4" x 4" x 20" Ground Bar with Insulators and Brackets        | 6.3 lb | \$185.35 |
| TINMG420U   | 1/4" x 4" x 20" Tinned Ground Bar                              | 5.2 lb | \$178.65 |
| TINMG420U-K | 1/4" x 4" x 20" Tinned Ground Bar with Insulators and Brackets | 6.3 lb | \$205.85 |



## MG424U

- Accepts 3/8" lugs
- 104 holes allow up to 52 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- 12 additional holes accept up to 6 runs using 2-hole lugs with 3/4" hole spacing
- Kits include insulators and stainless steel mounting brackets

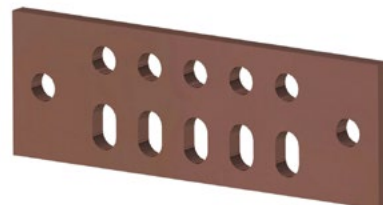
| Part #      | Description                                                    | Weight | Price    |
|-------------|----------------------------------------------------------------|--------|----------|
| MG424U      | 1/4" x 4" x 24" Ground Bar Only                                | 6.2 lb | \$207.10 |
| MG424U-K    | 1/4" x 4" x 24" Ground Bar with Insulators and Brackets        | 7.3 lb | \$234.30 |
| TINMG424U   | 1/4" x 4" x 24" Tinned Ground Bar                              | 6.2 lb | \$231.75 |
| TINMG424U-K | 1/4" x 4" x 24" Tinned Ground Bar with Insulators and Brackets | 7.3 lb | \$258.95 |



## MG206U

- Accepts 3/8" lugs
- 10 holes allow up to 5 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

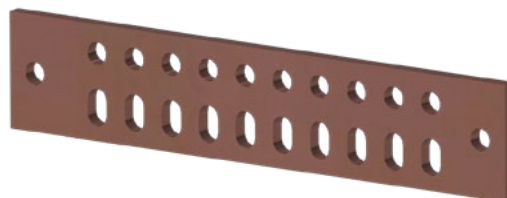
| Part #      | Description                                                   | Weight | Price   |
|-------------|---------------------------------------------------------------|--------|---------|
| MG206U      | 1/4" x 2" x 6" Ground Bar Only                                | 0.8 lb | \$33.50 |
| MG206U-K    | 1/4" x 2" x 6" Ground Bar with Insulators and Brackets        | 1.9 lb | \$60.70 |
| TINMG206U   | 1/4" x 2" x 6" Tinned Ground Bar                              | 0.8 lb | \$40.45 |
| TINMG206U-K | 1/4" x 2" x 6" Tinned Ground Bar with Insulators and Brackets | 1.9 lb | \$67.65 |



## MG210U

- Accepts 3/8" lugs
- 20 holes allow up to 10 runs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

| Part #      | Description                                                    | Weight | Price   |
|-------------|----------------------------------------------------------------|--------|---------|
| MG210U      | 1/4" x 2" x 10" Ground Bar Only                                | 1.4 lb | \$54.90 |
| MG210U-K    | 1/4" x 2" x 10" Ground Bar with Insulators and Brackets        | 2.5 lb | \$82.10 |
| TINMG210U   | 1/4" x 2" x 10" Tinned Ground Bar                              | 1.4 lb | \$63.55 |
| TINMG210U-K | 1/4" x 2" x 10" Tinned Ground Bar with Insulators and Brackets | 2.5 lb | \$90.75 |



## MG212U

- Accepts 3/8" lugs
- 26 holes allow up to 13 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

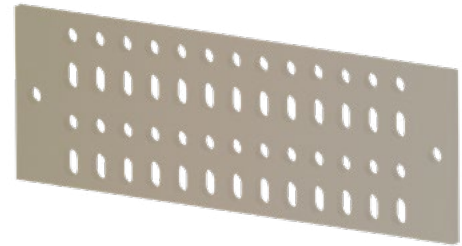
| Part #      | Description                                                    | Weight | Price   |
|-------------|----------------------------------------------------------------|--------|---------|
| MG212U      | 1/4" x 2" x 12" Ground Bar Only                                | 1.6 lb | \$62.15 |
| MG212U-K    | 1/4" x 2" x 12" Ground Bar with Insulators and Brackets        | 2.7 lb | \$89.35 |
| TINMG212U   | 1/4" x 2" x 12" Tinned Ground Bar                              | 1.6 lb | \$68.75 |
| TINMG212U-K | 1/4" x 2" x 12" Tinned Ground Bar with Insulators and Brackets | 2.7 lb | \$95.95 |



## HDG412U

- Hot-dip galvanized steel bars deter theft
- Accepts 3/8" lugs
- 52 holes allow up to 26 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

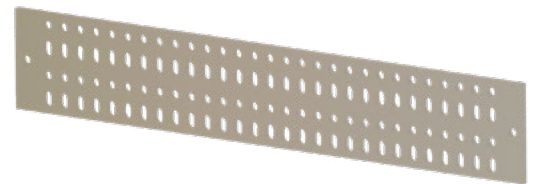
| Part #    | Description                                               | Weight | Price   |
|-----------|-----------------------------------------------------------|--------|---------|
| HDG412U   | 1/4" x 4" x 12" HDG Steel Ground Bar Only                 | 2.7 lb | \$35.95 |
| HDG412U-K | 1/4" x 4" x 12" HDG Ground Bar with Insulators & Brackets | 3.8 lb | \$63.15 |



## HDG424U

- Hot-dip galvanized steel bars deter theft
- Accepts 3/8" lugs
- 116 holes allow up to 58 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

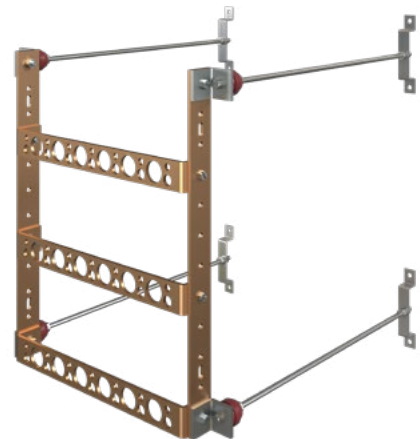
| Part #    | Description                                               | Weight | Price   |
|-----------|-----------------------------------------------------------|--------|---------|
| HDG424U   | 1/4" x 4" x 24" HDG Steel Ground Bar Only                 | 5.0 lb | \$68.00 |
| HDG424U-K | 1/4" x 4" x 24" HDG Ground Bar with Insulators & Brackets | 6.1 lb | \$95.20 |



## Arrestor Trapeze Kit

- Arrestor trapeze kit provides a versatile central ground point for lightning arrestors
- Manufactured from 1/4" thick solid 110 copper
- Three levels with space for six arrestors per level
- Height-adjustable bars
- Compatible with standard entry ports
- Accepts bulkhead or bolt-on surge arrestors
- Includes stainless steel mounting hardware to accommodate ceiling or wall-mount applications

| Part #  | Description                      | Weight | Price    |
|---------|----------------------------------|--------|----------|
| ATK306U | Three-Level Arrestor Trapeze Kit | 22 lb  | \$565.00 |





## GROUND BAR ACCESSORIES

### Ground Bar Mounting Brackets

- Stainless steel mounting brackets are sold in pairs

| Part # | Description                               | U of M | Weight | Price   |
|--------|-------------------------------------------|--------|--------|---------|
| MT200  | Pair of Stainless Steel Mounting Brackets | Pair   | 0.5 lb | \$10.55 |



### Ground Bar Insulators

- Insulators are sold in pairs with all necessary 3/8" stainless steel hardware

| Part #  | Description                                | U of M | Weight | Price   |
|---------|--------------------------------------------|--------|--------|---------|
| INS38-K | Pair of Insulators with Stainless Hardware | Pair   | 0.6 lb | \$16.50 |



### Ground Bar Tower Mounting Kit

- Pair of insulators and stainless steel angle adapters
- Stainless steel hardware included

| Part #    | Description                  | U of M | Weight | Price   |
|-----------|------------------------------|--------|--------|---------|
| MG-ADAP-K | Insulated Tower Mounting Kit | Pair   | 1.3 lb | \$34.00 |



### Universal Ground Bar Mounting Kit

- Pair of ground bar insulators, stainless steel mounting brackets, and stainless steel angle adapters
- Stainless steel hardware included

| Part # | Description                       | Weight | Price   |
|--------|-----------------------------------|--------|---------|
| UGBMK  | Universal Ground Bar Mounting Kit | 1.8 lb | \$33.75 |





# Architectural Concealment Solutions

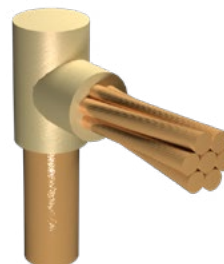
Valmont® Telecom offers a complete line of creative concealment solutions to help your communication structures blend in with the surrounding architectural environment. Our Larson™ solutions are custom-engineered to meet your technical requirements on the inside, while on the outside, they can appear to be anything else you can imagine.

Learn more at [ValmontTelecom.com](https://ValmontTelecom.com)

## Erico Cable to Top of Ground Rod Molds

- Require L160 handle (p. 234) and indicated weld metal (p. 233)

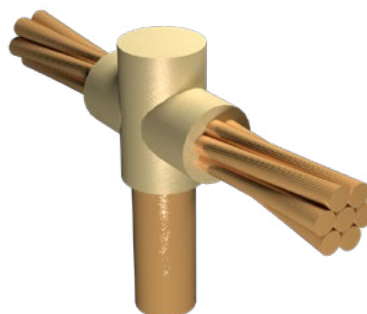
| Part #   | Wire Size | Ground Rod | Weld Metal | Weight | Price    |
|----------|-----------|------------|------------|--------|----------|
| GRC-161T | 2 Solid   | 5/8"       | #65        | 3.4 lb | \$184.00 |
| GRC-162G | 2/0       | 5/8"       | #90        | 3.4 lb | \$184.00 |



## Erico Cable Through Top of Ground Rod Molds

- Require L160 handle (p. 234) and indicated weld metal (p. 233)

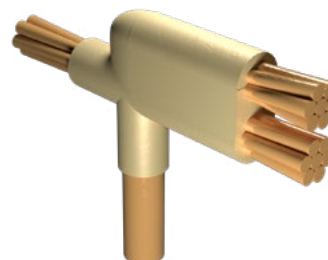
| Part #   | Wire Size | Ground Rod | Weld Metal | Weight | Price    |
|----------|-----------|------------|------------|--------|----------|
| GTC-161T | 2 Solid   | 5/8"       | #90        | 3.5 lb | \$184.00 |
| GTC-181T | 2 Solid   | 3/4"       | #90        | 3.6 lb | \$184.00 |
| GTC-162G | 2/0       | 5/8"       | #115       | 3.7 lb | \$184.00 |
| GTC-162Q | 4/0       | 5/8"       | #115       | 3.7 lb | \$184.00 |



## Erico Run and Tap Cables to Top of Ground Rod Mold

- Requires L160 handle (p. 234) and indicated weld metal (p. 233)

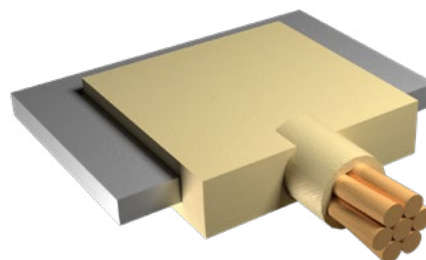
| Part #   | Wire Size | Ground Rod | Weld Metal | Weight | Price    |
|----------|-----------|------------|------------|--------|----------|
| NCR-161T | 2 Solid   | 5/8"       | #115       | 3.0 lb | \$337.00 |



## Erico Ground Wire to 1/4" Thick Bus Bar Molds

- Require L160 handle (p. 234) and indicated weld metal (p. 233)

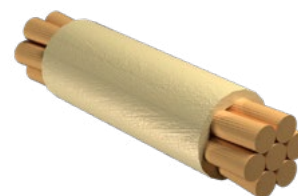
| Part #   | Wire Size | Weld Metal | Weight | Price    |
|----------|-----------|------------|--------|----------|
| LJC-EG1V | 2 Strand  | #65        | 3.2 lb | \$184.00 |
| LJC-EG1T | 2 Solid   | #65        | 3.4 lb | \$184.00 |
| LJC-EG2G | 2/0       | #90        | 3.4 lb | \$184.00 |
| LJC-EG2Q | 4/0       | #90        | 3.3 lb | \$184.00 |



## Erico Wire to Wire Splice Molds

- Require L160 handle (p. 234) and indicated weld metal (p. 233)

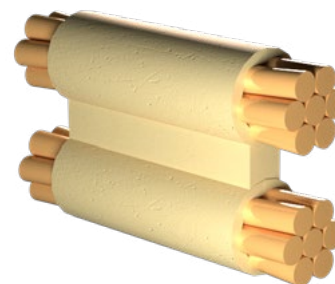
| Part # | Wire Size | Weld Metal | Weight | Price    |
|--------|-----------|------------|--------|----------|
| SSC-1T | 2 Solid   | #32        | 2.8 lb | \$184.00 |
| SSC-2G | 2/0       | #65        | 3.0 lb | \$184.00 |



## Erico Horizontal Wire Parallel Splice Molds

- Require L160 handle (p. 234) and indicated weld metal (p. 233)

| Part #   | Wire Size           | Weld Metal | Weight | Price    |
|----------|---------------------|------------|--------|----------|
| PTC-1T1V | 2 Solid to 2 Strand | #65        | 3.0 lb | \$184.00 |
| PTC-1T1T | 2 Solid to 2 Solid  | #65        | 3.1 lb | \$184.00 |
| PTC-2G1T | 2/0 to 2 Solid      | #90        | 3.9 lb | \$184.00 |
| PTC-2G2G | 2/0 to 2/0          | #115       | 4.5 lb | \$184.00 |
| PTC-2Q1T | 4/0 to 2 Solid      | #150       | 3.8 lb | \$184.00 |
| PTC-2Q2Q | 4/0 to 4/0          | #200       | 4.1 lb | \$184.00 |

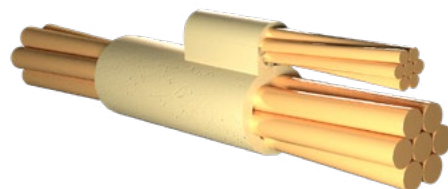




## Erico Parallel Tap Molds

- Require L160 handle (p. 234) and indicated weld metal (p. 233)

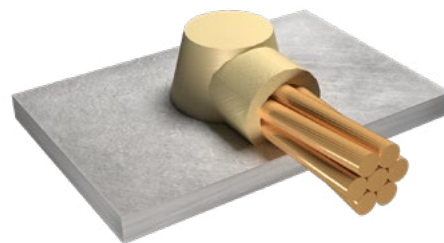
| Part #   | Run Wire | Tap Wire | Weld Metal | Weight | Price    |
|----------|----------|----------|------------|--------|----------|
| PCC-1T1T | 2 Solid  | 2 Solid  | #65        | 3.2 lb | \$184.00 |
| PCC-2G1T | 2/0      | 2 Solid  | #90        | 3.1 lb | \$184.00 |
| PCC-2Q1T | 4/0      | 2 Solid  | #115       | 3.1 lb | \$184.00 |



## Erico Wire to Flat Plate Mold

- Horizontal wire to flat steel; wire rests on surface
- Includes handle clamp
- Requires indicated weld metal (p. 233)

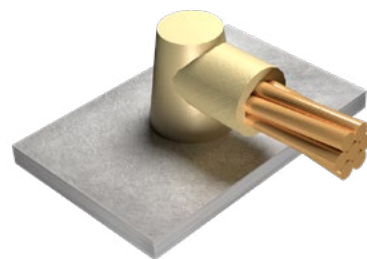
| Part # | Wire Size | Weld Metal | Weight | Price    |
|--------|-----------|------------|--------|----------|
| HAA-1T | 2 Solid   | #45        | 1.6 lb | \$136.00 |



## Erico Ground Wire to Flat Plate Mold

- Horizontal wire to flat steel; wire is off surface
- Requires L160 handle (p. 234) and indicated weld metal (p. 233)

| Part # | Wire Size | Weld Metal | Weight | Price    |
|--------|-----------|------------|--------|----------|
| HSC-2G | 2/0       | #90        | 2.9 lb | \$184.00 |



Need to equip a new employee to do exothermic connections?

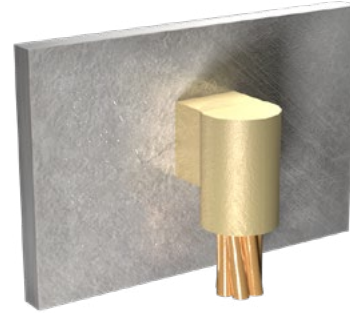
Consider our easy starter kits, featured on pages 236-238.

Simple one-part number ordering, includes everything needed to get a new crew member started making exothermic connections in the wireless industry.

## Erico Wire to Vertical Flat Steel Molds

- Cable runs straight down and off surface
- Require L160 handle (p. 234) and indicated weld metal (p. 233)

| Part # | Wire Size  | Weld Metal | Weight | Price    |
|--------|------------|------------|--------|----------|
| VBC-1T | 2 Solid    | #65        | 3.2 lb | \$184.00 |
| VBC-1V | 2 Stranded | #45        | 3.3 lb | \$184.00 |

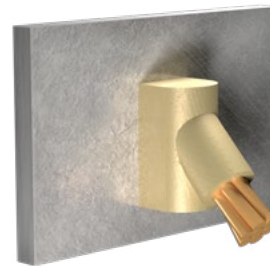


Wire straight down

## Erico Wire to Vertical Flat Steel Molds

- Cable runs down @ 45° angle
- Require L160 handle (p. 234) and indicated weld metal (p. 233)

| Part # | Wire Size    | Weld Metal | Weight | Price    |
|--------|--------------|------------|--------|----------|
| VSC-1T | 2 Solid      | #45        | 3.0 lb | \$184.00 |
| VSC-2G | 2/0 Stranded | #90        | 3.3 lb | \$184.00 |



Wire down at 45 degrees

## Erico Wire to Vertical Flat Steel Molds

- Cable runs straight up
- Require L160 handle (p. 234) and indicated weld metal (p. 233)

| Part # | Wire Size | Weld Metal | Weight | Price    |
|--------|-----------|------------|--------|----------|
| VFC-1T | 2 Solid   | #65        | 3.3 lb | \$184.00 |

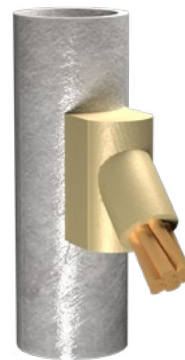


Wire straight up



## Erico Wire to Vertical Pipe Down Molds

- Require B160V chain handle (p. 234) and indicated weld metal (p. 233)



Wire down at 45 degrees

| Part #     | Wire Size | Wire Orientation | Nominal Pipe Size | Weld Metal | Weight | Price    |
|------------|-----------|------------------|-------------------|------------|--------|----------|
| VSC-1V-V3C | 2 Strand  | Down @ 45°       | 1-1/2" - 4"       | #45        | 3.5 lb | \$184.00 |
| VSC-1T-V3C | 2 Solid   | Down @ 45°       | 1-1/2" - 4"       | #45        | 3.1 lb | \$184.00 |
| VSC-1T-V5C | 2 Solid   | Down @ 45°       | 4" - 6"           | #45        | 3.2 lb | \$184.00 |
| VSC-2G-V3C | 2/0       | Down @ 45°       | 2" - 4"           | #90        | 3.4 lb | \$184.00 |
| VSC-2Q-V3C | 4/0       | Down @ 45°       | 2" - 4"           | #115       | 3.8 lb | \$184.00 |

## Erico Wire to Vertical Pipe Straight Down Molds

- Require B160V chain Handle (p. 234) and indicated weld metal (p. 233)

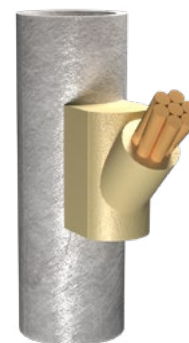


Wire straight down

| Part #     | Wire Size | Wire Orientation | Nominal Pipe Size | Weld Metal | Weight | Price    |
|------------|-----------|------------------|-------------------|------------|--------|----------|
| VBC-1V-V3C | 2 Strand  | Straight Down    | 2" - 4"           | #65        | 3.4 lb | \$184.00 |
| VBC-1T-V3C | 2 Solid   | Straight Down    | 2" - 4"           | #65        | 3.4 lb | \$184.00 |
| VBC-2G-009 | 2/0       | Straight Down    | 1-1/4" - 3-1/2"   | #90        | 3.5 lb | \$184.00 |
| VBC-2Q-003 | 4/0       | Straight Down    | 1-1/4" - 3-1/2"   | #115       | 3.8 lb | \$184.00 |

## Erico Wire to Vertical Pipe Up Molds

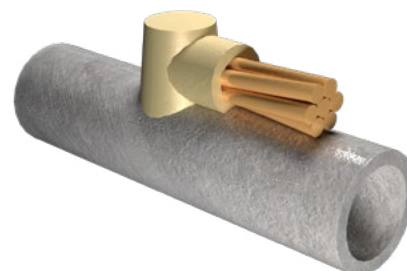
- Require B160V chain handle (p. 234) and indicated weld metal (p. 233)



| Part #        | Wire Size | Wire Orientation | Nominal Pipe Size | Weld Metal | Weight | Price    |
|---------------|-----------|------------------|-------------------|------------|--------|----------|
| VFC-1V-V3C    | 2 Strand  | Straight Up      | 2" - 4"           | #65        | 3.5 lb | \$184.00 |
| VFC-1T-V3C    | 2 Solid   | Straight Up      | 2" - 4"           | #65        | 3.4 lb | \$184.00 |
| VFC-1T002-V3C | 2 Solid   | Up @ 45°         | 2" - 4"           | #65        | 3.6 lb | \$184.00 |

## Erico Horizontal Wire to Horizontal Pipe Molds

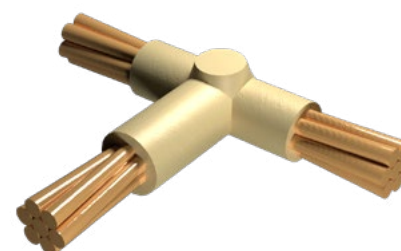
- Handle is included with mold
- Use indicated weld metal (p. 233)



| Part #      | Wire Size | Nominal Pipe Size | Weld Metal | Weight | Price    |
|-------------|-----------|-------------------|------------|--------|----------|
| HAA-1T-162C | 2 Solid   | 1-1/4" - 2"       | #45        | 1.7 lb | \$136.00 |
| HAA-1T-350C | 2 Solid   | 3" - 4"           | #45        | 1.7 lb | \$136.00 |

## Erico Ground Wire T-Connection Molds

- Require L160 handle (p. 234) and indicated weld metal (p. 233)



| Part #   | Run Wire | Tap Wire | Weld Metal | Weight | Price    |
|----------|----------|----------|------------|--------|----------|
| TAC-1T1T | 2 Solid  | 2 Solid  | #45        | 3.0 lb | \$184.00 |
| TAC-2G2G | 2/0      | 2/0      | #90        | 3.0 lb | \$184.00 |
| TAC-2Q2Q | 4/0      | 4/0      | #150       | 3.0 lb | \$184.00 |

Erico Hammerlock Grounding Clamps

- Irreversible mechanical connection with excellent strength
- Fast and simple installation requires only a hammer
- No special training required
- Provides a visual indication of completed connection
- Allows for “T” or pass-through connections
- **Verizon Approved**

| Part #     | Wire Size               | Ground Rod | # of Conductors | UOM    | Price    |
|------------|-------------------------|------------|-----------------|--------|----------|
| EHL58C1V   | 4 Stranded - 2 Stranded | 5/8"       | 1               | 25/box | \$577.50 |
| EHL58C1V1V | 4 Stranded - 2 Stranded | 5/8"       | 2               | 25/box | \$588.00 |



EHL58C1V



EHL58C1V1V

Erico Fence Post & Gate Jumpers

- Made from super flexible welding cable
- 24" length black insulated cable
- Require B160V chain handle (p. 234) and indicated weld metal (p. 233)

| Part #   | Wire Gauge | Cadweld Mold | Weight | Price   |
|----------|------------|--------------|--------|---------|
| FJ1T24   | 2 Stranded | VBC-1V-V3C   | 0.6 lb | \$51.00 |
| FJ2G245K | 2/0        | VBC-2G-009   | 1.0 lb | \$65.00 |
| FJ2Q245K | 4/0        | VBC-2Q-003   | 1.7 lb | \$94.00 |



## Weld Metal

- Each weld metal tube contains the starting material at the bottom, with the weld metal on top
- Sold in cases

| Part #    | Weld Metal # | Case Qty | Weight | Price    |
|-----------|--------------|----------|--------|----------|
| #32-CASE  | #32          | 20       | 2.0 lb | \$136.00 |
| #45-CASE  | #45          | 20       | 2.7 lb | \$185.00 |
| #65-CASE  | #65          | 20       | 3.4 lb | \$231.00 |
| #90-CASE  | #90          | 10       | 2.4 lb | \$160.25 |
| #115-CASE | #115         | 10       | 3.4 lb | \$195.00 |
| #150-CASE | #150         | 10       | 4.1 lb | \$248.00 |
| #200-CASE | #200         | 10       | 4.8 lb | \$312.00 |



## Cadweld Plus Weld Metal & Electronic Igniter

- Consist of disposable, moisture-resistant weld metal cup; weld metal, disk, and ignition source are located inside package
- No need for disks, starting materials, igniters, etc.
- Reduce installation time by 20%
- Use ordinary Cadweld molds and get perfect results every time
- Using the electronic igniter, welds are made with the installer 6 feet away
- Igniter includes 8 AA batteries

**\*\*For use with Cadweld brand molds only\*\***

| Part #      | Weld Metal #     | Case Qty | Weight | Price    |
|-------------|------------------|----------|--------|----------|
| 32PLUSF20   | #32              | 20       | 2.2 lb | \$131.50 |
| 45PLUSF20   | #45              | 20       | 3.1 lb | \$185.50 |
| 65PLUSF20   | #65              | 20       | 4.0 lb | \$231.00 |
| 90PLUSF20   | #90              | 10       | 3.0 lb | \$160.00 |
| 115PLUSF20  | #115             | 10       | 3.4 lb | \$195.00 |
| 150PLUSF20  | #150             | 10       | 4.3 lb | \$248.00 |
| 200PLUSF20  | #200             | 10       | 4.9 lb | \$364.00 |
| PLUSCU2L6   | Control Unit     | Each     | 2.1 lb | \$315.00 |
| PLUSCU2RLD6 | Replacement Cord | Each     | 0.5 lb | \$72.00  |



Electronic Ignition System and Plus Weld Metal are for use with Cadweld brand molds only.



## MOLD ACCESSORIES

### Handle Clamp

- Used for most molds
- Offset handle clamp reduces labor time and can fit in a smaller hole

| Part # | Description  | Weight | Price    |
|--------|--------------|--------|----------|
| L160   | Handle Clamp | 3.4 lb | \$184.00 |



### Chain Handle Clamp

- Secures molds to vertical pipe
- 20" chain for pipes up to 4"
- Can be used with or without chain

| Part #   | Description         | Weight | Price    |
|----------|---------------------|--------|----------|
| B160V    | Chain Handle Clamp  | 5.4 lb | \$284.00 |
| B-106-27 | 20" Extension Chain | 0.5 lb | \$30.20  |



### Flint Igniter

- Use to ignite weld metal; not required for Cadweld Plus

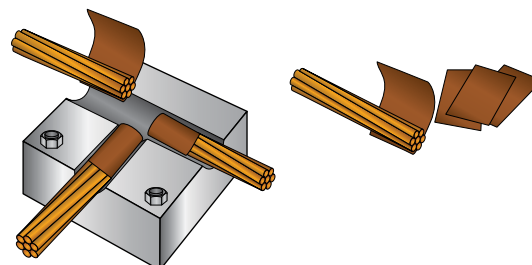
| Part # | Description        | U of M | Weight  | Price   |
|--------|--------------------|--------|---------|---------|
| T320   | Flint Igniter      | Each   | 0.2 lb  | \$15.15 |
| T320A  | Replacement Flints | 10 pk  | 0.01 lb | \$16.70 |



### Adapter Sleeves

- Adapter sleeves change #2 stranded molds to #6 stranded
- Wrap sleeves wrap around cables to match mold opening

| Part # | Description     | U of M | Weight | Price   |
|--------|-----------------|--------|--------|---------|
| B140A  | Wrap Sleeves    | 50 pk  | 0.7 lb | \$55.60 |
| B112   | Adapter Sleeves | 25 pk  | 0.3 lb | \$25.00 |



## Weld Disk Kit

- Included with weld metal, also available separately
- 60 pieces; 20 each of #15 - #32, #45 - #115, and #150 - #500

| Part # | Description | Weight | Price   |
|--------|-------------|--------|---------|
| T328D  | Disk Kit    | 0.3 lb | \$20.30 |



## Mold Cleaning Brush

- Useful in removing slag from molds, especially vertically split molds

| Part # | Description         | Weight | Price   |
|--------|---------------------|--------|---------|
| T394   | Mold Cleaning Brush | 0.1 lb | \$15.90 |



## Mold Sealer

- Ideal for sealing hot or cold molds to retard leakage
- Excellent adhesion
- Unlimited shelf life

| Part # | Weight | Price   |
|--------|--------|---------|
| EPD1   | 1.1 lb | \$10.20 |





Plus-Start™ Exothermic Starter Kit

A premium get-started kit for new crews, featuring Cadweld's Electronic Ignition System, Plus Weld Metal and Cadweld Molds. All the exothermic materials typically used in wireless infrastructure construction.

Kit includes:

- PLUSCU2L6 Cadweld Electronic Control Unit
- L160 Standard Handle
- B160V Chain Handle
- One #45 Case Plus F20 Weld Metal (20 shots)
- Two #65 Cases Plus F20 Weld Metal (40 shots total)
- One #90 Case Plus F20 Weld Metal (10 shots)
- PTC-1T1T 2 Solid Parallel Splice Mold
- TAC-1T1T 2 Solid "T" Mold
- LJC-EG1T 2 Solid Bus Bar Mold
- GTC-161T 2 Solid Through 5/8" Ground Rod Mold
- VSC-1T-V3C 2 Solid 45 Degree Down from Pipe Mold
- VFC-1T-V3C 2 Solid 45 Degree Up From Pipe Mold
- HAA-1T 2 Solid Horizontal to Flat Steel Mold
- T394 Mold Cleaning Brush
- EPD1 Mold Sealer

Reduced price for purchasing kit

| Part #     | # of Parts | Weight | Price      |
|------------|------------|--------|------------|
| PLUS-START | 16         | 50 lb  | \$2,715.00 |



Exo-Start™ Exothermic Starter Kit

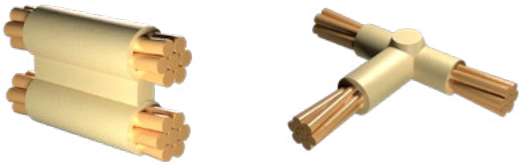
A get-started kit for new crews. All the exothermic materials typically used in wireless infrastructure construction.

Kit includes:

- L160 Standard Handle
- B160V Chain Handle
- T320 Flint Igniter
- One #45 Case Weld Metal (20 shots)
- Two #65 Cases Weld Metal (40 shots total)
- One #90 Case Weld Metal (10 shots)
- PTC-1T1T 2 Solid Parallel Splice Mold
- TAC-1T1T 2 Solid "T" Mold
- LJC-EG1T 2 Solid Bus Bar Mold
- GTC-161T 2 Solid Through 5/8" Ground Rod Mold
- VSC-1T-V3C 2 Solid 45 Degree Down from Pipe Mold
- VFC-1T-V3C 2 Solid 45 Degree Up From Pipe Mold
- HAA-1T 2 Solid Horizontal to Flat Steel Mold
- T394 Mold Cleaning Brush
- EPD1 Mold Sealer

Reduced price for purchasing kit

| Part #    | # of Parts | Weight  | Price      |
|-----------|------------|---------|------------|
| EXO-START | 15         | 42.0 lb | \$2,430.00 |



Small Cell Exothermic Starter Kit **NEW**

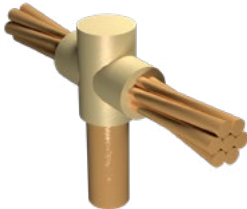
A premium starter kit featuring Cadweld’s Electronic Ignition System, Plus Weld Metal, and Cadweld components. Includes all the exothermic materials commonly used for Small Cell sites.

Kit includes:

- PLUSCU2L6 Cadweld Electronic Control Unit
- L160 Standard Handle Clamp
- GTC-161T 2 Solid Through 5/8" Ground Rod Mold
- Three #90 Case Plus F20 Weld Metal (30 Shots)
- T394 Mold Cleaning Brush
- EDP1 Mold Sealer

Reduced price for purchasing kit

| Part #   | # of Parts | Weight | Price      |
|----------|------------|--------|------------|
| SC-START | 7          | 20 lb  | \$1,130.00 |



# TAPES, CHEMICALS, & BANDING





## CABLE MARKING

### Expandable Color Coded Cuffs



- Improved design fits a range of cable sizes
- Used as an alternative to electrical tape for color coding cable runs
- Will not move or slip on the cable
- Easy one-handed installation; no tools required
- Can be removed and reused
- Weather and UV-resistant
- Available colors: *BLU*-Blue, *BRN*-Brown, *GRN*-Green, *ORG*-Orange, *PNK*-Pink, *RED*-Red, *SLT*-Slate, *VLT*-Violet, *WHT*-White, *YLW*-Yellow



| Part #         | Cable Size, OD (Nominal)          | Bag (25 cuffs) |
|----------------|-----------------------------------|----------------|
| CCC-SM-S25-XXX | 0.19" - 0.34" (4.8 mm - 8.6 mm)   | \$9.50         |
| CCC-MD-S25-XXX | 0.33" - 0.5" (8.3 mm - 12.7 mm)   | \$9.50         |
| CCC-LG-S25-XXX | 0.49" - 0.69" (12.4 mm - 17.5 mm) | \$9.50         |

### TEK Clip™ Cable Identification Clips

- Eliminate need to identify cables with colored tape
- Can be installed over factory labels while leaving factory information visible
- Safe and easy to install; reusable and adjustable
- Flexible design to fit a variety of cables
- Allows for thermal expansion and contraction without loosening
- Durable design, will not peel off
- Available colors: *BRN*-Brown, *BLU*-Blue, *GRN*-Green, *GY*-Gray, *ORG*-Orange, *PK*-Pink, *PUR*-Purple, *RD*-Red, *WHT*-White, *YLW*-Yellow



| Part #        | Cable Size, OD (Nominal) | Bag (100 clips) |
|---------------|--------------------------|-----------------|
| TEK-CP1-14-XX | 1/4"                     | \$22.00         |
| TEK-CP1-38-XX | 3/8"                     | \$22.00         |
| TEK-CP1-12-XX | 1/2"                     | \$22.00         |

## 3M Temflex 165 Electrical Tape

- Economy electrical tape
- 7 mil thickness
- UV-resistant
- Use when temperatures are above freezing



| Part # | Size       | Weight                     | Each   | Bucket               |
|--------|------------|----------------------------|--------|----------------------|
| 3M165  | 3/4" x 60' | 0.2 lb or 25 lb for bucket | \$1.86 | \$182.00 (100 rolls) |

## Premium Electrical Tape

- Premium grade all-weather electrical tape
- UV-resistant
- Great tape at a great price!
- BUCKETS: Add "-B" to end of part #



| Part #  | Size       | Weight                     | Each   | Bucket               |
|---------|------------|----------------------------|--------|----------------------|
| 4444-88 | 2" x 20'   | 0.2 lb or 25 lb for bucket | \$3.20 | \$397.00 (125 rolls) |
| 4243    | 3/4" x 60' | 0.2 lb or 25 lb for bucket | \$3.20 | \$314.00 (100 rolls) |

## 3M Super 33+ Electrical Tape

- Premium 7 mil thick tape
- UV-resistant
- All-weather tape, remains conformable at -18°C / 0°F



| Part # | Size       | Weight  | Price   |
|--------|------------|---------|---------|
| 3MS33  | 3/4" x 66' | 0.25 lb | \$10.76 |

## 3M Super 88 Electrical Tape

- 3M's finest
- Heavy-duty 8.5 mil tape
- All-weather tape, remains conformable at -18°C / 0°F



| Part #  | Size         | Weight  | Price   |
|---------|--------------|---------|---------|
| 3MS88-1 | 3/4" x 66'   | 0.25 lb | \$12.10 |
| 3MS88-2 | 1-1/2" x 44' | 0.30 lb | \$16.00 |
| 3MS88-3 | 2" x 108'    | 0.50 lb | \$52.50 |



TAPES

3M Color Code Electrical Tape

- Premium grade all-weather electrical tape
- 7 mil thickness
- Available colors:  
Red, yellow, blue, brown, gray, white, orange, green, violet, and pink

| Part #     | Size       | Weight | Price  |
|------------|------------|--------|--------|
| 3M35-Color | 3/4" x 66' | 0.2 lb | \$9.98 |



3M 35 Rainbow Pack Electrical Tape

- Premium all-weather electrical tape
- 7 mil thickness
- Convenient ten-pack includes:  
Blue, brown, green, gray, orange, pink, red, violet, white, and yellow rolls

| Part # | Size                 | Weight | Price   |
|--------|----------------------|--------|---------|
| 3M35-P | Ten 3/4" x 66' rolls | 1.9 lb | \$78.25 |



3M 165 Color Code Electrical Tape

- UV-resistant
- 3M's economy tape; use when temperatures are above freezing
- 3/4" x 60' rolls
- Available colors:  
Red, yellow, blue, brown, gray, white, orange, green, and violet
- BUCKETS: Add "-B" to end of part #

| Part #         | Qty                | Weight | Price    |
|----------------|--------------------|--------|----------|
| 3M165-Color    | Each               | 0.2 lb | \$2.16   |
| 3M165-Color-10 | 10 pack            | 2 lb   | \$21.20  |
| 3M165-Color-B  | Bucket (100 rolls) | 25 lb  | \$212.00 |



## M5000 Mastic Rolls

- Easy to use 2-1/2" x 2' rolls
- Soft and tacky
- Superior weatherproofing characteristics
- UV-resistant



| Part # | Size        | Weight  | Price  |
|--------|-------------|---------|--------|
| M5000  | 2-1/2" x 2' | 0.35 lb | \$4.95 |

## Rapid-Wrap Tape

- Self-amalgamating tape designed to provide long-term environmental seals for feeder, jumper, and antenna connections
- Provides water-tight seal and eliminates need for traditional mastic and butyl
- Adheres to itself
- UV- and weather resistant



| Part #  | Size              | Weight  | Price  |
|---------|-------------------|---------|--------|
| SAT1515 | 1.5" x 15' 30 mil | 0.45 lb | \$8.40 |

## Rapid-Wrap Silicone Tape

- Self-bonding silicone tape designed to provide long-term environmental seals for feeder, jumper, and antenna connections
- Only sticks to itself, comes off perfectly clean
- No tacky/sticky surface when being applied
- Seals by compression
- Provides water-tight seal and eliminates need for traditional mastic and butyl
- UV- and weather resistant



| Part # | Size              | Weight  | Price   |
|--------|-------------------|---------|---------|
| SIL15  | 1.5" x 15' 30 mil | 0.25 lb | \$13.60 |

## Rubber Splicing Tape

- Self-fusing tape bonds quickly to itself to form a watertight seal
- Resists UV rays, acids, alkalis, and corrosion
- Requires protective outer wrap
- UL listed

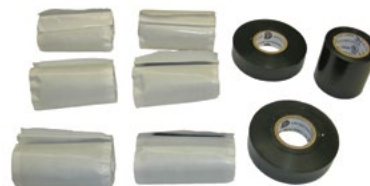


| Part #       | Size                      | Weight | Price    |
|--------------|---------------------------|--------|----------|
| RT15-22      | 1-1/2" x 22' roll, 30 mil | 0.9 lb | \$9.60   |
| RT15-22-CASE | Case (50 rolls)           | 46 lb  | \$394.00 |

## WEATHERPROOFING KITS

### Premium All-Weather Weatherproofing Kit

- All-weather weatherproofing kit
- Kit includes:
  - 6 rolls of mastic (2-1/2" x 2')
  - Two rolls of all-weather electrical tape (3/4" x 66')
  - One roll of 2" x 20' electrical tape
- Our best value



| Part # | Description                     | Weight | Price   |
|--------|---------------------------------|--------|---------|
| WK6S   | All-Weather Weatherproofing Kit | 2.4 lb | \$18.15 |

### Super All-Weather Weatherproofing Kit

- Premium all-weather weatherproofing kit
- Kit includes 5 rolls of our M5000 mastic (2-1/2" x 2'), two rolls of premium all-weather electrical tape (3/4" x 66'), and one roll of 2" x 20' electrical tape



| Part # | Description                     | Weight | Price   |
|--------|---------------------------------|--------|---------|
| WK3S   | All-Weather Weatherproofing Kit | 2.4 lb | \$28.65 |

### Standard Weatherproofing Kit

- Premium 3M quality weatherproofing kit
- Kit includes 3 rolls of our M5000 mastic (2-1/2" x 2') and one roll of 1-1/2" wide Super 88 tape
- Unsurpassed quality at a super price!



| Part # | Description                  | Weight | Price   |
|--------|------------------------------|--------|---------|
| WK1S   | Standard Weatherproofing Kit | 1.5 lb | \$25.50 |

### Mini Weatherproofing Kit

- Premium quality weatherproofing kit
- Kit includes 1 roll of our M5000 mastic (2-1/2" x 2') and one roll of 2" x 20' all-weather electrical tape



| Part # | Description              | Weight  | Price  |
|--------|--------------------------|---------|--------|
| WK2M   | Mini Weatherproofing Kit | 0.55 lb | \$5.80 |

### 3M Heat Shrink Tubing

- 2:1 shrink ratio
- Sold in 4' lengths
- Used as a shrink-fit electrical insulation over cable splices and terminations

| Part #   | Color | Tube Size | Wire/Lug Size      | Weight  | Price  |
|----------|-------|-----------|--------------------|---------|--------|
| SHT14    | Black | 1/4" x 4' | 12 AWG to 8 AWG    | 0.01 lb | \$2.75 |
| SHT38    | Black | 3/8" x 4' | 8 AWG to 6 AWG     | 0.01 lb | \$3.15 |
| SHT12    | Black | 1/2" x 4' | 6 AWG to 2 AWG     | 0.5 lb  | \$3.55 |
| SHT34    | Black | 3/4" x 4' | 2/0 AWG to 4/0 AWG | 0.1 lb  | \$4.99 |
| SHT14-CL | Clear | 1/4" x 4' | 12 AWG to 8AWG     | 0.01 lb | \$2.75 |
| SHT38-CL | Clear | 3/8" x 4' | 8 AWG to 6 AWG     | 0.01 lb | \$3.15 |
| SHT12-CL | Clear | 1/2" x 4' | 6 AWG to 2 AWG     | 0.5 lb  | \$3.55 |
| SHT34-CL | Clear | 3/4" x 4' | 2/0 AWG to 4/0 AWG | 0.1 lb  | \$4.99 |



### 3M Heavy Duty Heat Shrink Tubing

- 3:1 shrink ratio
- Adhesive lined

| Part # | Color | Tube Size   | U of M   | Weight | Price   |
|--------|-------|-------------|----------|--------|---------|
| SHT115 | Black | 1-1/2" x 4' | 4' Stick | 0.6 lb | \$62.95 |



### Heat Shrinkable End Caps

- 3:1 shrink ratio
- Use to seal the ends of cables and pipes to protect from dirt or water intrusion
- Caps are lined with glue for extra protection

| Part # | Tube Size    | Weight | Price  |
|--------|--------------|--------|--------|
| GCAP-S | 0.75" x 1.5" | 0.1 lb | \$2.99 |
| GCAP-L | 1.1" x 1.5"  | 0.1 lb | \$3.85 |



## COLD SHRINK KITS

### 3M Cold Shrink Sealing Kits

- Reliable seal against water
- Reduces installation time and also easily removed
- Broad application range
- Constant radial pressure helps keep connectors together in wind and vibration
- For use with N or 7/16" DIN connectors

| Part # | Application                                                                                      | Weight | Price   |
|--------|--------------------------------------------------------------------------------------------------|--------|---------|
| CXS-1  | 1/4" - 7/8" Cable to 1/4" - 7/8" Cable                                                           | 0.4 lb | \$30.20 |
| CXS-2  | 1/4" - 1-5/8" Cable to 1-1/4" - 1-5/8" Cable<br>1/4" - 1-5/8" Cable to Antenna or Surge Arrestor | 0.7 lb | \$44.65 |
| CXS-4  | 1/4" - 7/8" Cable to Antenna or Surge Arrestor                                                   | 0.5 lb | \$39.90 |



### Gamma Cold Shrink Kits

- Meets IP-68 standards against water migration
- High shrink ratio allows weather proof seal of different types of connectors regardless of shape or size without the use of additional spacers

| Part #     | Connector                                  | Cable                                       | Length | Weight | Price   |
|------------|--------------------------------------------|---------------------------------------------|--------|--------|---------|
| SDL-DC-152 | Up to 32mm/1.26" OD<br>(10-4.3 or similar) | As small as<br>10mm/.394" OD<br>(Superflex) | 6"     | 0.1 lb | \$32.35 |
| SDL-1A-125 | Up to 36mm/1.44" OD<br>(7/16" DIN)         | As small as<br>12mm/.5" OD<br>(1/2" LCF)    | 5"     | 0.1 lb | \$33.40 |



### Gamma Clear Cold Shrink Kits



- For wire sizes #2 - #10 AWG
- Watertight and weather-resistant to IP68 & IP69 Standard
- RoHS compliant
- Shrink ratio exceed 2:1

| Part #         | Wire Size    | Pre-Shrunk ID | Shrunk ID     | Length       | Price   |
|----------------|--------------|---------------|---------------|--------------|---------|
| SDL-134-50-CLR | #2 - #6 AWG  | 0.51" (13 mm) | 0.157" (4 mm) | 2" (50 mm)   | \$13.50 |
| SDL-245-65-CLR | #8 - #10 AWG | 0.95" (24 mm) | 0.2" (5 mm)   | 2.5" (65 mm) | \$15.30 |



## TYCO Quick-Seal™ Connection Enclosures



- Tyco GSIC gel-closure weatherproofing system for jumper-to-feeder and jumper-to-antenna connections
- No tape, mastics, or tools are required; installs in seconds
- Easily removable and reusable
- Gel seal provides protection over wide temperature range (-30°C/+60°C)
- Gel seal protects against ingress of water - IP rating 68



| Part # | Application                    | Weight | Price   |
|--------|--------------------------------|--------|---------|
| D32473 | 7/8" to 1/2" Connection        | 0.7 lb | \$33.60 |
| C79091 | 1-1/4" to 1/2" Connection      | 0.9 lb | \$41.80 |
| E97072 | 1-5/8" to 1/2" Connection      | 1.0 lb | \$43.70 |
| F58329 | 1/2" to Antenna (Short 3-1/2") | 0.1 lb | \$22.60 |
| D80635 | 1/2" to Antenna (Long 6")      | 0.2 lb | \$26.25 |

## Gamma Clam Shell Enclosures



- Protect jumper-to-jumper and jumper-to-antenna/RRU connections
- No tape, mastics, or tools required, just place over the connection and close
- Small size for easy installation in congested areas
- Gel interior; can be removed and re-installed
- UV- and ozone resistant
- Weatherproof rated to IP680
- Operating temperature -40° C to +90° C;  
installation temperature -30° C to +60° C



| Part #     | Application                         | Weight  | Price   |
|------------|-------------------------------------|---------|---------|
| TS-12/4310 | 1/2" Jumper with 4310 Connector     | 0.22 lb | \$20.30 |
| TS-12/ASP  | 1/2" Jumper with 7/16 DIN Connector | 0.22 lb | \$20.75 |



## CABLE BOOTS

### Gamma Weatherproof Silicone Boots

- UV-resistant silicone rubber
- Place boot on cable before installing connector
- Just slide the boot over the connector and you're done
- Can be removed from the connector and re-installed
- Weatherproof rated to IP 680

| Part #          | Application                          | Weight  | Price   |
|-----------------|--------------------------------------|---------|---------|
| BT-716DIN-SFLEX | 1/2" Superflex w/ 7/16 DIN Connector | 0.14 lb | \$15.20 |
| BT-4310-SFLEX   | 1/2" Superflex w/ 4310 Connector     | 0.10 lb | \$15.00 |
| BT-716DIN-ST12  | 1/2" Coax w/ 7/16 DIN Connector      | 0.15 lb | \$15.20 |
| BT-4310-ST12    | 1/2" Coax w/ 4310 Connector          | 0.11 lb | \$15.00 |
| BT-4310-COAX25  | 1/4" Coax w/ 4310 Connector          | 0.08 lb | \$15.00 |



### Gamma Weatherproof Suppressor Boots **NEW**

PIM **SHIELD**

- Silicone elastomer composite material
- Waterproof to IP68 standard
- Protects antenna from stray electromagnetic and PIM interference
- May be installed during cable assembly or on fabricated cables

| Part #         | Application              | Connector Dia | Cable Dia | Price   |
|----------------|--------------------------|---------------|-----------|---------|
| SB-4310-ST12   | 4.3-10 to 1/2" Cable     | 0.67"         | 0.53"     | \$25.99 |
| SB-4310-COAX25 | 4.3-10 to 1/4" Superflex | 0.6"          | 0.24"     | \$25.99 |
| SB-716-ST12    | 7/16 DIN to 1/4" Cable   | 0.8"          | 0.52"     | \$30.20 |
| SB-X10-COAX25  | NEX10 to 1/4" Superflex  | 0.26"         | 0.25"     | \$19.35 |



SB-4310-ST12



SB-716-ST12

### Gamma 5G/Small Cell Adapter Kit **NEW**

PIM **SHIELD**

- Kit includes the low-PIM adapters commonly used for testing 5G and small cell sites
  - (1) 7/16 DIN to 7/16 DIN female adapter
  - (2) 7/16 DIN male to NEX10 female adapter
  - (2) 7/16 DIN male to 4.3-10 female adapter
  - (1) 7/16 DIN male to 2.2-5 female adapter
- Adapters come in a rugged IP67 rated ABS plastic case

| Part #      | Application               | Price    |
|-------------|---------------------------|----------|
| 5G-AD-KIT-6 | 5G/Small Cell Adapter Kit | \$330.00 |



## 9 Ply Lacing Cord

- 100% polyester cable lacing twine
- 9-ply
- 525' spool



| Part #    | Description                   | Price   |
|-----------|-------------------------------|---------|
| TWINE9-ST | 9 Ply Lacing Cord, 525' Spool | \$18.20 |

## "D" Tags

- For marking coax, fiber, and electrical lines
- Tags measure 1" x 1-3/4"
- Pack of 100 Tags



| Part #    | Description                    | Price   |
|-----------|--------------------------------|---------|
| FIBERTAGD | Gray Fiber "D" Tags, 100 pack  | \$31.50 |
| NYLONTAGD | White Nylon "D" Tags, 100 pack | \$51.40 |

## "Do Not Disconnect" Tags

- Brass
- 10 pack



| Part #  | Description                       | Price   |
|---------|-----------------------------------|---------|
| DND-TAG | "Do Not Disconnect" Tags, 10 pack | \$34.15 |

## Fish Paper

- Fibroid fish paper electrical insulation
- Vulcanized cellulose fiber, 0.10 mil



| Part #       | Description                                 | Price    |
|--------------|---------------------------------------------|----------|
| FP3-20       | Fish Paper, No Adhesive, 3" x 20' Roll      | \$16.70  |
| FP10-24      | Fish Paper, No Adhesive, 10" x 24" Sheet    | \$6.20   |
| FP5X50       | 3M Fish Paper, No Adhesive, 5" x 50' Roll   | \$74.80  |
| FP25-10-ADH  | Fish Paper w/Adhesive, 2-1/2" x 10' Roll    | \$11.45  |
| FP4.5X50-ADH | 3M Fish Paper w/Adhesive, 4-1/2" x 50' Roll | \$102.90 |

## CHEMICALS

### Kopr-Shield

- Prevents oxidation and corrosion on bus bars and wire
- Reduces resistance
- Made from colloidal copper and inhibitors
- **Not available for air or ocean shipment**



| Part # | Size | Price    |
|--------|------|----------|
| CP8-TB | 8 oz | \$115.50 |



### Noalox

- Seals out air and moisture to prevent corrosion and reformation of oxide film on connections
- **Not available for air or ocean shipment**



| Part # | Size | Price   |
|--------|------|---------|
| DOX4   | 4 oz | \$30.40 |
| DOX8   | 8 oz | \$39.65 |



PIM  SHIELD®

### NO-OX Heavy Duty Rust Preventative and Lubricant

- Long term solution for lubrication and corrosion control
- Requires minimal surface preparation
- Contains metal wetting agents and rust inhibitors in a petrolatum wax base
- Semi-transparent non-drying film retains its properties indefinitely
- 8 oz can with applicator brush

| Part #       | Description    | U of M | Price   |
|--------------|----------------|--------|---------|
| NO-OX-ID-8OZ | NO-OX 8 oz can | Each   | \$26.25 |



PIM  SHIELD®

## GE Silicone Sealant

- Clear silicone construction sealant
- Ideal for waterproofing and sealing
- Extra long nozzle included

| Part #  | Size    | Price   |
|---------|---------|---------|
| SCS1000 | 10.1 oz | \$19.90 |



## Duct Seal

- Used for sealing entry panels
- Excellent adhesion
- Can be painted
- Unlimited shelf life

| Part # | Size   | Price   |
|--------|--------|---------|
| EPD1   | 1.1 lb | \$10.20 |



## Rubber Sealer

- Black silicone rubber construction sealant
- Ideal for waterproofing and sealing boots
- 3 oz. tube with nozzle

| Part # | Size | Price   |
|--------|------|---------|
| SCS30  | 3 oz | \$16.75 |



## Torque Seal

- Anti-sabotage inspector's lacquer
- Brittle-drying seal will crack if tampered with
- Fluorescent orange

| Part # | Size | Price  |
|--------|------|--------|
| TQS-O  | 1 oz | \$8.45 |



## COLD GALVANIZING

### ZRC Cold Galvanizing Spray (95% Zinc)

- 12 oz aerosol can; 95% zinc metal in battleship gray flat finish
- Equivalent to hot-dip galvanizing
- Meets federal specifications DOD-P21035A and MIL-P-26915A
- Meets VOC standards in all 50 states
- **Not available for air or ocean shipment**



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| Part #    | Size  | Weight | Price   |
|-----------|-------|--------|---------|
| ZRC-10000 | 12 oz | 1.0 lb | \$25.25 |

### ZRC Galviline Galvanizing Repair Spray (95% Zinc)

- 12 oz aerosol can; 95% zinc metal in bright silver finish that blends with new hot-dip galvanizing
- Meets galvanizing repair specifications ASTM-A780, SSPC-Paint 20, and DOD-P-21035A
- Meets VOC standards in all 50 states
- **Not available for air or ocean shipment**



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| Part #    | Size  | Weight | Price   |
|-----------|-------|--------|---------|
| ZRC-20010 | 12 oz | 1.0 lb | \$25.75 |

### ZRC Cold Galvanizing Compound (95% Zinc)

- Available in 1 quart and 1 gallon cans; 95% zinc metal in battleship gray flat finish
- Equivalent to hot-dip galvanizing
- Meets federal specifications DOD-P21035A and MIL-P-26915A
- Meets VOC standards in all 50 states
- **Not available for air or ocean shipment**



| Part #    | Size     | Weight | Price    |
|-----------|----------|--------|----------|
| ZRC-10002 | 1 quart  | 6.0 lb | \$98.25  |
| ZRC-10003 | 1 gallon | 25 lb  | \$330.00 |

### ZRC Galviline Galvanizing Repair Compound (95% Zinc)

- Available in 1 quart and 1 gallon cans; 95% zinc metal in bright silver finish that blends with new hot-dip galvanizing
- Meets galvanizing repair specifications ASTM-A780, SSPC-Paint 20, and DOD-P-21035A
- Meets VOC standards in all 50 states
- **Not available for air or ocean shipment**



| Part #    | Size     | Weight | Price    |
|-----------|----------|--------|----------|
| ZRC-20012 | 1 quart  | 6.0 lb | \$101.50 |
| ZRC-20013 | 1 gallon | 25 lb  | \$340.00 |

## Brite Zinc Spray (69% Zinc)

- Brite Zinc aerosol can
- 12.5 oz aerosol can covers 40 square feet
- One-step color matches the shiny look of hot-dip galvanizing
- Special no-clog nozzle
- Meets ASTM-A780 for corrosion protection
- **Not available for air or ocean shipment**

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| Part # | Size    | Weight | Price   |
|--------|---------|--------|---------|
| BZ12   | 12.5 oz | 1.0 lb | \$13.90 |

## First Zinc Aerosol Spray Can (95% Zinc)

- 12.5 oz aerosol can
- Traditional flat gray color
- Meets or exceeds requirements of ASTM-A780, DOD-P-21035B; MIL-P-46105; MIL-P-26915B; SSPC PS-12; PS-20; PS-22; PS-29 & PS-30
- **Not available for air or ocean shipment**

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| Part # | Size    | Weight | Price   |
|--------|---------|--------|---------|
| FZ13   | 12.5 oz | 1.1 lb | \$13.95 |

## Brite Zinc Gallon Can (69% Zinc)

- One gallon can covers 570 square feet
- One-step color matches the shiny look of hot-dip galvanizing
- Meets ASTM-A780 standard for corrosion protection
- **Not available for air or ocean shipment**



| Part #   | Size     | Weight  | Price    |
|----------|----------|---------|----------|
| BZGALLON | 1 gallon | 13.6 lb | \$289.00 |

## First Zinc Gallon Can (95% Zinc)

- One gallon can covers 570 square feet
- Traditional flat gray color
- Meets or exceeds requirements of ASTM-A780, DOD-P-21035B; MIL-P-46105; MIL-P-26915B; SSPC PS-12; PS-20; PS-22; PS-29 & PS-30
- **Not available for air or ocean shipment**



| Part # | Size     | Weight  | Price    |
|--------|----------|---------|----------|
| FZCAN  | 1 gallon | 22.0 lb | \$289.00 |



## VELCRO STRAPS

### Self-Grip Strapping

- Use for bundling wires and cables
- Wraps around anything and sticks to itself for fast and easy bundling
- Reusable
- Hook on one side, loop on the other

| Part #   | Size            | Weight  | Price   |
|----------|-----------------|---------|---------|
| SGS12x75 | 1/2" x 75' Roll | 0.5 lb  | \$39.65 |
| SGS34x15 | 3/4" x 15' Roll | 0.15 lb | \$12.10 |
| SGS34x75 | 3/4" x 75' Roll | 0.7 lb  | \$53.20 |
| SGS01x15 | 1" x 15' Roll   | 0.2 lb  | \$13.40 |
| SGS01x75 | 1" x 75' Roll   | 0.9 lb  | \$58.00 |

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### Hook & Loop Cinch Straps

- Bundle and hold hoses, tubes, or cables
- Provide extra holding power
- Adjustable and reusable

| Part #   | Size      | Package Quantity | Weight  | Price   |
|----------|-----------|------------------|---------|---------|
| VCT12-8  | 1/2" x 8" | 25               | 0.5 lb  | \$43.35 |
| VCT34-12 | 3/4 x 12" | 25               | 0.7 lb  | \$57.75 |
| VCS1x8   | 1" x 8"   | 25               | 0.01 lb | \$49.95 |
| VCS1x12  | 1" x 12"  | 25               | 0.02 lb | \$53.95 |

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### Hook & Loop Cable Ties

- Industrial grade pre-cut straps
- Hook on one side, loop on the other
- Reusable
- Attaches to itself for fast and easy bundling
- Made in USA

| Part #   | Size      | Package Quantity | Weight  | Price   |
|----------|-----------|------------------|---------|---------|
| HLCT12X8 | 1/2" x 8" | 100              | 0.01 lb | \$79.40 |

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# CABLE TIES

## Nylon Cable Ties



- UV-resistant black 6.6 nylon cable ties
- Available in standard or heavy-duty versions



| Part # | Length | Width | Tensile Strength | Max Bundle Diameter | Package Quantity | Weight | Price   |
|--------|--------|-------|------------------|---------------------|------------------|--------|---------|
| CT8    | 7.5"   | 0.18" | 50 lb            | 1-3/4"              | 100              | 0.3 lb | \$5.20  |
| CT11   | 11"    | 0.18" | 50 lb            | 3"                  | 100              | 0.4 lb | \$8.70  |
| CT15   | 14.5"  | 0.18" | 50 lb            | 4"                  | 100              | 0.5 lb | \$10.25 |
| CT15HD | 15.2"  | 0.30" | 120 lb           | 4-1/4"              | 100              | 1.3 lb | \$22.35 |
| CT18HD | 18.25" | 0.30" | 120 lb           | 5"                  | 50               | 2.0 lb | \$26.30 |
| CT24HD | 24"    | 0.34" | 175 lb           | 6-1/4"              | 50               | 1.4 lb | \$27.05 |

## Plastic Round Member Adapters



- Non-conductive and non-corrosive
- 1/2" (13 mm) band
- Nylon 66 screw

| Part #  | Size Range | U of M  | Weight | Price   |
|---------|------------|---------|--------|---------|
| PHC1-10 | 1" - 2"    | 10 pack | 0.8 lb | \$20.65 |
| PHC2-10 | 2" - 3"    | 10 pack | 1.0 lb | \$23.05 |
| PHC3-10 | 3" - 4"    | 10 pack | 1.2 lb | \$27.40 |
| PHC4-10 | 4" - 5"    | 10 pack | 1.3 lb | \$29.80 |
| PHC5-10 | 5" - 7"    | 10 pack | 1.5 lb | \$34.65 |



## Cable Tie Wall Mount Bracket



- Mount with #12 screws (not included)
- Made from natural-colored nylon

| Part #     | Description              | Dimensions        | Weight  | Price  |
|------------|--------------------------|-------------------|---------|--------|
| PP2S-S12-C | Nylon Wall Mount Bracket | 3-4" W x 4-1/2" L | 0.02 lb | \$3.20 |





## BANDING

### Stainless Banding

- Stainless steel banding with fully-rounded smooth edges for safety and easy installation
- Stamped foot markers
- 100' rolls in dispenser carton
- 0.03" thick

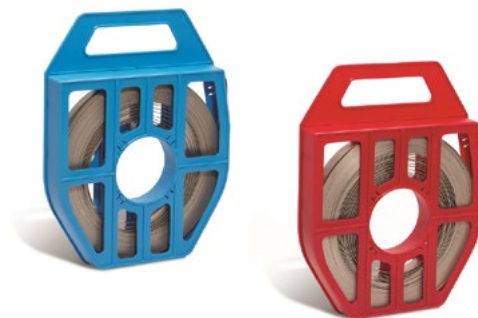
| Part # | Size        | Weight | Price    |
|--------|-------------|--------|----------|
| BA204  | 1/2" x 100' | 5.2 lb | \$98.75  |
| BA206  | 3/4" x 100' | 7.8 lb | \$139.95 |



### Stainless Steel Banding

- Stainless steel banding with fully-rounded smooth edges for safety and easy installation
- Stamped foot markers
- 100' rolls in dispenser tote

| Part #     | Size                                      | Weight | Price    |
|------------|-------------------------------------------|--------|----------|
| TOTE-BA204 | 1/2" x 0.03" x 100' - 201 SS in Blue Tote | 5.5 lb | \$83.95  |
| TOTE-BA206 | 3/4" x 0.03" x 100' - 201 SS in Red Tote  | 8.0 lb | \$125.00 |



### Stainless Banding Buckles

- The unique teeth and ears provide maximum clamping force
- Sold in convenient 25 packs
- Stainless steel construction

| Part #   | Size | U of M  | Weight | Price   |
|----------|------|---------|--------|---------|
| BU254-25 | 1/2" | 25 pack | 0.6 lb | \$17.60 |
| BU256-25 | 3/4" | 25 pack | 0.8 lb | \$27.05 |



### Heavy Duty Banding Tool

- Able to tighten banding up to 2,400 lb
- Built-in cutter
- Spring-loaded gripper lever
- Cool blue epoxy finish

| Part # | Description             | Weight | Price    |
|--------|-------------------------|--------|----------|
| T001   | Heavy Duty Banding Tool | 4.2 lb | \$194.50 |



## Acetal Cable Tie

- Perfect for coaxial, fiber optic and all other communication and electrical conducting cables
- 1/2" wide weather resistant acetal banding
- 250 lb tensile strength

| Part # | Description                 | Weight  | Price   |
|--------|-----------------------------|---------|---------|
| TWR50  | Acetal Cable Tie, 50' reel  | 1.0 lb  | \$66.50 |
| TWLH25 | Acetal Cable Buckles, 25/pk | 0.25 lb | \$23.10 |

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TWLH25

## Acetal Tie Wraps

- Acetal heavy-duty cable ties
- 1/2" width
- UV-resistant
- 400 lb loop tensile strength
- Use with acetal installation tool (below)

| Part # | Description         | U of M    | Price   |
|--------|---------------------|-----------|---------|
| TW16   | 16" Acetal Tie Wrap | Bag of 50 | \$69.20 |
| TW27   | 27" Acetal Tie Wrap | Bag of 25 | \$45.00 |

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## Acetal Banding Installation Tool

- Tensioning/cutting tool for acetal cable ties
- Works with ties up to 1/2" wide

| Part # | Description                      | Weight | Price    |
|--------|----------------------------------|--------|----------|
| ABIT   | Acetal Banding Installation Tool | 0.5 lb | \$156.50 |

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## PIM MITIGATION

### PIM Blankets NEW

- ConcealFab's PIM blankets are temporary RF barriers used to suppress PIM sources during the PIM hunting process
- PIM Barrier
- High RF attenuation
- Heavy duty vinyl construction
- Integrated tie-down loops

| Part #        | Description             | Price    |
|---------------|-------------------------|----------|
| 007640-030030 | PIM Blanket, 30" x 30"  | \$148.25 |
| 007640-060030 | PIM Blanket, 60" x 30"  | \$267.75 |
| 007640-060060 | PIM Blanket, 60" x 60"  | \$491.00 |
| 007640-120060 | PIM Blanket, 120" x 60" | \$895.00 |

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### PIM Tape NEW

- PIM tape is a rapidly deployable RF barrier able to bond to a wide variety of surfaces including metals, single-ply roofing, multi-ply roofing, concrete, brick and wood.
- PIM Barrier
- High RF attenuation
- UV stable TPO outer protective layer
- High tack synthetic resin adhesive
- Silicone release liner

| Part #         | Description                     | Price      |
|----------------|---------------------------------|------------|
| 008587-06-25-B | PIM Tape, 6" x 25' roll, black  | \$731.00   |
| 008587-06-25-W | PIM Tape, 6" x 25' roll, white  | \$731.00   |
| 008587-12-25-B | PIM Tape, 12" x 25' roll, black | \$1,440.00 |
| 008587-12-25-W | PIM Tape, 12" x 25' roll, white | \$1,440.00 |

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## PIM Mitigation Paint **NEW**

- PIM mitigation paint is a conductive acrylic polymer with enhanced elasticity designed to reduce external passive intermodulation (PIM) at cellular base stations. The paint is intended for large, flat surfaces and should NOT be applied directly to antenna mounting structures.
- High RF attenuation
- Crack resistant
- UV stable acrylic
- Water based
- Non-flammable
- Gallon can ships with special protective packaging
- Five gallon can must ship on a pallet



| Part #       | Description                               | Price      |
|--------------|-------------------------------------------|------------|
| 901087-1-PKG | PIM Shield PIM Mitigation Paint, 1 Gallon | \$449.00   |
| 901087-5     | PIM Shield PIM Mitigation Paint, 5 Gallon | \$1,890.00 |

## PIM Mitigation Caulk **NEW**

- PIM mitigation caulk is a thickened version of PIM paint that can be used to fill gaps and seal RF from reaching PIM sources generated at contacting surfaces
- Forms a highly elastic seal that resists cracking



| Part # | Description                                 | U of M | Price   |
|--------|---------------------------------------------|--------|---------|
| 901088 | PIM Seal PIM Mitigation Caulk, 10.1 oz tube | Each   | \$89.80 |

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## Notes

[illegible]



# Application for Credit



If you would like to apply for an in-house commercial account, please fill out and submit the form below. Commercial accounts are good for purchases at all of our locations, as well as online and by phone.

Submit completed applications to [kristin.simmons@valmont.com](mailto:kristin.simmons@valmont.com)

Phone: 402-359-6876 | Fax: 402-359-5581

## Billing Address

|          |         |
|----------|---------|
| NAME:    |         |
| ADDRESS: |         |
| CITY:    | STREET: |
| COUNTY:  | ZIP:    |
| PHONE:   | FAX:    |

## Physical Address

|          |         |
|----------|---------|
| NAME:    |         |
| ADDRESS: |         |
| CITY:    | STREET: |
| COUNTY:  | ZIP:    |
| PHONE:   | FAX:    |

## Company Information

NAME OF PARENT COMPANY:

STATE AND DATE OF INCORPORATION:

TYPE OF BUSINESS: INDIVIDUAL ☐

PARTNERSHIP ☐

CORPORATION ☐

## Tax Exempt Status

NON EXEMPT ☐ EXEMPT\* ☐ \*Attach Copy of Tax Exempt Certificate

|                              |                               |
|------------------------------|-------------------------------|
| NUMBER OF YEARS IN BUSINESS: | FEDERAL TAX ID:               |
| A/P EMAIL ADDRESS:           | A/P CONTACT AND PHONE NUMBER: |

Please Attach Most Recent Financial Statement

## Trade References (Six required)

|          |          |
|----------|----------|
| COMPANY: | COMPANY: |
| STREET:  | STREET:  |
| CITY:    | CITY:    |
| ZIP:     | ZIP:     |
| PHONE:   | PHONE:   |
| FAX:     | FAX:     |
| COMPANY: | COMPANY: |
| STREET:  | STREET:  |
| CITY:    | CITY:    |
| ZIP:     | ZIP:     |
| PHONE:   | PHONE:   |
| FAX:     | FAX:     |
| COMPANY: | COMPANY: |
| STREET:  | STREET:  |
| CITY:    | CITY:    |
| ZIP:     | ZIP:     |
| PHONE:   | PHONE:   |
| FAX:     | FAX:     |

## Bank Reference

|            |        |            |
|------------|--------|------------|
| BANK NAME: |        | CONTACT:   |
| CITY:      | STATE: | ZIP:       |
| PHONE:     | FAX:   | ACCOUNT #: |

APPLICANT HEREBY CERTIFIES THAT THE INFORMATION FURNISHED UNDER THIS APPLICATION AND ANY OTHER FINANCIAL STATEMENTS FURNISHED IN CONNECTION HERewithIN, IS TRUE AND CORRECT AND THAT THIS INFORMATION IS BEING FURNISHED TO SELLER FOR THE PURPOSE OF INDUCING SELLER TO EXTEND CREDIT TO APPLICANT, AND UNDERSTANDS THAT SELLER INTENDS TO RELY UPON SUCH INFORMATION. APPLICANT UNDERSTANDS THAT TERMS OF SALE ARE NET 30 DAYS UNLESS OTHERWISE STATED. APPLICANT ALSO UNDERSTANDS THAT AN INTEREST CHARGE AT THE HIGHEST RATE ALLOWED BY LAW COULD BE ASSESSED ON PAST DUE BALANCES, AS WELL AS, WHERE APPROPRIATE CLAIM LEGAL FEES ON ANY AND ALL ACTION REQUIRED TO REMEDY PAYMENT. APPLICANT HEREBY AUTHORIZES SELLER TO CHECK APPLICANT'S CREDIT HISTORY, TRADE REFERENCES, BANK REFERENCES, AND TO RELEASE INFORMATION TO OTHER CREDITORS REGARDING SELLER'S CREDIT EXPERIENCE.

|                       |        |       |
|-----------------------|--------|-------|
| AUTHORIZED SIGNATURE: | TITLE: | DATE: |
| PRINT NAME:           |        |       |

# Terms & Conditions



Below you will find our order, shipping terms and our satisfaction guarantee. If at any time you have any questions, please reach out to us at the contact information below.

## Order by Phone or Online

Call: 1-888-438-7761 (East Coast)  
1-888-880-9191 (West Coast)  
1-631-231-7660 (Outside U.S.)

Fax: 631-231-7682 (East Coast)  
888-698-9555 (West Coast)

Email: [SP1Support@Valmont.com](mailto:SP1Support@Valmont.com)  
Online: [SitePro1.com](http://SitePro1.com)

## Hours of Operation

8:30 am - 5:30 pm (Local Time Zone) Monday-Friday

## Terms

All orders are COD unless the customer is approved for open credit terms after completion of our credit application. We also accept all major credit cards. There is a \$65.00 minimum on all orders.

## Shipping

All shipments are F.O.B. our closest warehouse. Unless specified otherwise, we will choose the best way to ship your order.

## Our Satisfaction Guarantee

We guarantee your satisfaction with our products. You can return any unused item with its original packaging within 30 days of the invoice date for any reason. You may choose a credit, exchange or refund.

Please call in advance for a RMA before returning products. Unfortunately, custom manufactured products are non-returnable and non-cancellable.

Site Pro 1 products are also backed by a 3 year guarantee to be free from defects. The products we distribute are backed by the specific manufacturer's warranty.

## Custom Products

Products custom manufactured or ordered for a customer are non-returnable and non-cancellable.

## Limitation of Liability

Valmont Site Pro's liability for any claim shall not exceed the purchase price of the goods. We shall not be liable for special or consequential damages, including but not limited to personal injury, loss of profits, or costs of substitute goods. This limitation applies whether such claim arises from warranty or negligence and whether such claim arises from design, manufacture, or sale.



### **CALIFORNIA PROPOSITION 65 WARNING**



**WARNING:** Some of our products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Valmont Site Pro 1

15000 Valmont Plaza,  
Omaha, NE 68154

#### New York

15 Oser Ave  
Hauppauge, NY 11788  
Ph: 1-888-438-7761

#### Georgia

4100 Westpark Dr SW, Ste C  
Atlanta, GA 30336  
Ph: 1-866-901-0603

#### California

12661 Corral Pl  
Santa Fe Springs, CA 90670  
Ph: 1-888-776-1937

#### Indiana

1545 Pidco Dr  
Plymouth, IN 46563  
Ph: 1-888-753-7446

#### Oregon

3573 25th St SE  
Salem, OR 97302  
Ph: 1-888-880-9191

#### Texas

2045 Westgate Dr, Ste 110  
Carrollton, TX 75006  
Ph: 1-888-809-5151

#### South Florida

33 Commerce Way  
Jupiter, FL 33458  
Ph: 1-866-781-1300

#### West Florida

5122 Joanne Kearney Blvd  
Tampa, FL 33619  
Ph: 1-844-278-6371

#### Maryland

8200 Stayton Drive, Ste 700.  
Jessup, MD 20794  
Ph: 1-888-438-7761

#### Colorado

14200 E 35th Pl Ste 105  
Aurora, CO 80011  
Ph: 1-720-823-7661

#### Nevada

960 E Greg St. Building 6.  
Sparks, NV 89431  
Ph: 1-888-438-7761



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