

MACLEAN NETWORK SOLUTIONS

OUTSIDE PLANT HARDWARE

OUR HERITAGE

MacLean Senior Industries (MSI), formed by merging of the communications business of MacLean Power Systems with Senior Industries, offers the most comprehensive line of Outside Plant Hardware available. This includes; aerial and poleline hardware, anchors, automatic connectors, bonding and grounding products, drop hardware and datacom products for the Telephone, Broadband and Satellite TV markets. Prestigious brands include Joslyn aerial construction hardware, Reliable Strandvise automatic connectors, Senior drop hardware and bonding products, and Foresight driven anchors.

MSI has proudly served the communications market for over 40 years, creating products and developing solutions to meet the specific requirements of our customers. We continue to develop close relationships with our customers by supplying top quality products at competitive prices, with the highest level of service.

DESIGN/PRODUCT DEVELOPMENT

If the product you need is not listed in our catalog or on our web site, please contact us. Experienced MSI professionals with a problem solving attitude, backed by the most recent technological capabilities, will respond to your unique product need with an innovative and cost effective solution that can be produced to meet your budget and timetable. With over 50 patents and the track record of developing hundreds of proven products, you can trust us to provide exactly what you need, when you need it.

WORLDWIDE MANUFACTURING RESOURCES

MSI is an American company with global manufacturing capabilities. With over 20 factories worldwide, 10 of them in the U.S., we can ensure that your product needs will be met when you need them. Our global manufacturing strategy allows for the optimal combination of quality, cost and delivery. A major part of this strategy is storm preparation and response. With a dedicated storm inventory, we are ideally positioned to assist with restoration demands ranging from ice storms to hurricanes.

QUALITY YOU CAN DEPEND ON

MSI is ISO 9001 certified. We won't produce a product that doesn't meet our high quality and reliability standards, per the product specifications. If you have a question about any MSI product, we will be there to respond to it. The brands we sell have earned a reputation over time as the most proven and consistently high quality products available in our industry.

SERVICE/DISTRIBUTION

In addition to the MSI Headquarters and Distribution facility in Wood Dale, Illinois, we utilize seven other warehouses around the U.S. By monitoring your part usage patterns, we can often anticipate your requirements, making sure that parts are available when and where you need them. We also provide bar coding and EDI order entry to help you easily control your business.

ANCHORS

Power Hub Anchors	AN 1
Power Shafts	AN 5
Driven Anchors	AN 11
Expanding Anchors	AN 14
Cross Plate Anchors	AN 14
Pole Key Anchors	AN 14
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Rock Anchors	AN 15
No Wrench Anchors	AN 16
Clamps & Accessories	AN 16
Cabinet Piles	AN 17

AERIAL/POLELINE HARDWARE

Banding	PH 1
Bolts	PH 3
Braces	PH 12
Brackets	PH 12
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Clevises	PH 25
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Connectors	DH 11
Drive Pins & Rings	DH 12
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Nuts	DH 15
Screws	DH 15
Stakes	DH 17
Straps	DH 17
Tags	DH 18
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BONDING AND GROUNDING PRODUCTS

Bonding Harnesses	BG 1
Clamps	BG 3
Connectors	BG 11
Ground Bars	BG 14
Ground Blocks	BG 14
Ground Lugs	BG 15
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Split Bolts	BG 17
Switches	BG 17
Tags	BG 18
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Wires, Ribbons & Braids	BG 19

ENTERPRISE/ DATACOM PRODUCTS

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Bridle Rings	ED 1
Distribution Rings	ED 2
Drive Rings	ED 2
Wall Plates	ED 3
J Hooks	ED 3

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Terminal Wrench	TL 1
Pulling Hooks	TL 1
Throwing Weights	TL 2

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5000	PH 28	9055	TL 1	D100S	AN 3	D6720	AN 5
5001	PH 28	9062	TL 1	D100T	AN 3	D6730	AN 5
5002	PH 28	20031	AN 11	D102-6	AN 2	D6733	AN 6
5022	PH 28	20036-UT-II	AN 11	D104-6	AN 2	D6735	AN 6
5039	PH 28/DH 11	20199-UT-II	AN 11	D112-6	AN 2	D6737	AN 6
5040	PH 28	20210-UT-II	AN 11	D114-6	AN 2	D7531/2	AN 3
5041	PH 28	20221-UT-II	AN 11	D134-6	AN 2	D7531/2C	AN 3
5042	PH 28	20229-UT-II	AN 11	D182	AN 2	D7531/2D	AN 2
5043	PH 28	50084	AN 12	D184	AN 2	D7531/2S	AN 2
5044	PH 28	50087	AN 12	D184-7	AN 2	D7531/2T	AN 2
5056	DH 11	50127	AN 12	D284	AN 2	D-8426	AN 2
5056T	DH 11	50231	AN 12	D352	AN 4	D10031/2	AN 3
5057	DH 11	50232	AN 12	D354	AN 4	D10031/2C	AN 3
5057N	DH 11	50233	AN 12	D1104	AN 2	D10031/2D	AN 3
5058	DH 11	50236	AN 12	D1104-7	AN 2	D10031/2S	AN 3
5059	DH 11	50240	AN 12	D1114	AN 2	D10031/2T	AN 3
5059N	DH 11	50242	AN 12	D1114-7	AN 2	D10426	AN 2
5062	DH 11	50243	AN 12	D1134	AN 2	D17516	AN 9
5063	DH 11	50244	AN 12	D1560T810	AN 9	D17520	AN 9
5087	PH 28	50364	AN 12	D1584T101214	AN 9	D17525	AN 9
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5101	PH 30	51014	AN 12	D2104-7	AN 2	D17532	AN 8
5101L	PH 30	AE155	AN 16/PH 21	D2447	AN 2	D17536	AN 8
5102	PH 30	AE155A	AN 16/PH 21	D2801-0002	AN 9	D17538	AN 8
5102L	PH 30	AE155B	AN 16/PH 21	D2801-0011	AN 8	DE-S Series	PH 33
5100L	PH 30	ASFO	PH 16	D2847	AN 2	EN-4	PH 32
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5151	PH 30	BC-105	BG 6	D6231/2C	AN 3	ENL-6	PH 32
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5199	TL 1/PH 29/DH 11	BVC-4	BG 12	D6231/2T	AN 3	FDE-S Series	PH 33
5200	TL 1/PH 29	BVC-6	BG 12	D6510A	AN 4	G1MDA Series	PH 15
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5202	TL 1/PH 29	BVC-167P	BG 13	D6565	AN 4	GCC Series	PH 44-45
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5204L	TL 1/PH 30	CN-5	PH 32	D6616U	AN 7	J089ZG	PH 61
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5252	PH 29	CP-6-30	PH 45	D6616UD7	AN 7	J128	PH 55
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5269	PH 29	D75D	AN 3	D6632-7	AN 7	J157	PH 55
5270	PH 29	D75S	AN 3	D6634	AN 6	J172	PH 55
5577	DH 7	D75T	AN 2	D6634-7	AN 7	J173	PH 55
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J575	PH 27	J1300	PH 25	J6495	PH 55	J7538	AN 15
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SI-0047	PH 50	SI-1416-1	PH 3	SI-2181A	BG 8	SI-7177-1	BG 20
SI-0048	PH 51	SI-1420	PH 8	SI-2302	PH 30	SI-7195	TL 1
SI-0049	PH 50	SI-1420-1	PH 3	SI-3000*	PH 42	SI-7511 Series	PH 56
SI-0064	DH 2	SI-1422	PH 8	SI-3001*	PH 42	SI-7512 Series	PH 56-57
SI-0064R	DH 2	SI-1422-1	PH 3	SI-4405	PH 32	SI-7513 Series	PH 57
SI-0075	PH 36	SI-1424	PH 8	SI-4406	PH 32	SI-8000	BG 17
SI-0077	PH 36	SI-1424-1	PH 3	SI-4425	PH 40	SI-8000-3	BG 17
SI-0078	PH 36	SI-1426	PH 8	SI-4426	PH 40	SI-8001	BG 17
SI-0079	PH 36	SI-1426-1	PH 3	SI-4426A	PH 40	SI-8001-3	BG 17
SI-0081 (H1)	BG 11	SI-1428	PH 8	SI-4430	PH 39	SI-8002	BG 17
SI-0082 (H2)	BG 11	SI-1428-1	PH 3	SI-4439	PH 43	SI-8002-3	BG 17
SI-0082JK (H2)	BG 11	SI-1430	PH 8	SI-4612	DH 18	SI-9004	PH 60
SI-0088A	PH 57	SI-1430-1	PH 3	SI-4753	ED 2	SI-9024	PH 59
SI-0513	DH 6	SI-1432	PH 8	SI-4754	ED 2	SI-9061	PH 59
SI-0513MB	DH 6	SI-1432-1	PH 3	SI-4755	ED 2	SI-9102	PH 60
SI-0514	DH 6	SI-1434	PH 8	SI-5357	DH 15	SI-9103	PH 60
SI-0515	DH 7	SI-1434-1	PH 3	SI-5358	DH 15	SI-9104	PH 60
SI-0515MB	DH 8	SI-1436	PH 8	SI-5362	PH 446	SI-9105	PH 60
SI-0557	PH 4	SI-1438	PH 8	SI-5363	PH 46	SI-9106	PH 60
SI-0558	PH 4	SI-1500	TL 1	SI-5364	PH 46	SI-9130	TL 2
SI-0560	PH 4	SI-1510-1	PH 3	SI-5365	PH 46	SI-9541	BG 19
SI-0566	PH 4	SI-1512-1	PH 3	SI-5366	PH 46	SI-9542	BG 19
SI-0568	PH 4	SI-1514-1	PH 3	SI-5947	BG 11	SI-9543	BG 19
SI-0572	PH 4	SI-1516-1	PH 3	SI-5948 Series	BG 11	SI-9544	BG 19
SI-0624	PH 4	SI-1518-1	PH 3	SI-6035	PH 53	SI-9545	BG 19
SI-0636	PH 4	SI-1550	TL 1	SI-6037	PH 53	SI-9546	BG 19
SI-0936	DH 3	SI-1630	BG 6	SI-6038	PH 54	SI-9603	PH 60
SI-0937	DH 3	SI-1638	BG 19	SI-6040	PH 53	SI-9607	PH 60
SI-0939 Series	DH 2	SI-1720	BG 3	SI-6041	PH 52	SI-9609	PH 60
SI-0952	DH 6	SI-1740	PH 22	SI-6042	DH 16	SI-9610	PH 60

CROSS REFERENCE BY PART NUMBER

PART NUMBER	PAGE	PART NUMBER	PAGE
SI-615800	BG 16	SWGB-20-54	PH 54
SI-615880	BG 16	TD225 Series	AN 4
SI-BH-1410-RRX	BG 3	TD250 Series	AN 5
SI-BH-1420-RRX	BG 3	TDH225 Series	AN 5
SI-BHA Series	BG 1	TDH250 Series	AN 5
SI-BHB Series	BG 1	U2395	PH 42
SI-BHC Series	BG 1	U2398	PH 42
SI-BHY Series	BG 1-3	UCB Series	PH 47
SI-EB-625	PH 6	UGA-65-3	PH 42
SI-EB-750	PH 6	UGA-66-4	PH 42
SI-ELB-.750-201	PH 2	UGA-66-6	PH 42
SI-ELB-1.25-201	PH 2	UGA-77-6	PH 42
SI-ENC-450	PH 16	UGA-77-7	PH 42
SI-ENC-UNV	PH 16	UGA-77-9	PH 42
SI-FCB-4830	PH 15	UGA-88-8	PH 42
SI-FCB-53-OPGW	PH 15	USA-5634-5	PH 17
SI-FCB-6044	PH 15	USA-5634-6	PH 17
SI-FCB-S	PH 15		
SI-GWM.5-96G	PH 37		
SI-GWM.5-96BL	PH 37		
SI-GB Series	BG 14-15		
SI-GL Series	BG 15		
SI-IBT	BG 18		
SI-LS-14	DH 16		
SI-LS-516	DH 16		
SI-MHP-3648	DH 17		
SI-PS-42	DH 17		
SI-SK-8	DH 1		
SI-SK-10	DH 1		
SI-SSB-.500-100.201	PH 1		
SI-SSB-.500-100-201R	PH 1		
SI-SSB-.750-100-201	PH 1		
SI-SSB-.750-100-201-R	PH 1		
SI-SSB-1.25-100-201	PH 1		
SI-TAG-100-G	BG 18		
SI-TAG-101	DH 18		
SI-TAG-102	DH 18		
SI-TAG-103-G	BG 18		
SI-TAG-104-G	BG 18		
SI-TAP Series	PH 17		
SI-UG.510-30	PH 35		
SI-UG110-30	PH 35		
SI-UG208-30	PH 35		
SI-UG210-30	PH 35		
SI-UG308-30	PH 35		
SI-UG310-30	PH 35		
SI-UG408-30	PH 35		
SI-UG410-30	PH 35		
SI-UG508-30	PH 35		
SI-UG510-30	PH 35		
SI-UG210-40	PH 35		
SI-UG310-40	PH 35		
SI-UG410-40	PH 35		
SI-UG510-40	PH 35		
SI-UG610-40	PH 35		
SI-UG210-80	PH 35		
SI-UG310-80	PH 35		
SI-UGX Series	PH 32		
SMB40	PH 17		
STD720336	PH 47		
SWG-20-5	PH 54		

MacLean Senior Industries (MSI) offers a wide range of anchors for guying applications and helical foundation piles for supporting communications cabinets.

The combined Joslyn and Dixie anchor brands have been supplying products to the telecommunication industry since the 1920's.

Power Hub, Power Shaft and No-Wrench Screw Anchors provide many benefits, including a minimized total installed cost and ease of installation under variable soils or weather conditions.

Patented Manta Ray® driven anchors eliminate the need for an auger/digger truck and can be installed with a jack hammer, bobcat, or other hydraulic or pneumatic device. Manta Ray® anchors are "load locked" after installation to insure proper holding strength.

Material for MSI anchors is received from the steel mills with material certificates and meets the appropriate ASTM or MSI proprietary specification. Laboratory testing includes torsion, helix compression, and tension, among other tests, to confirm the products meet specification.

MacLean Senior Industries' rigid quality assurance program assures all materials, manufacturing processes, and critical dimensions conform to ASTM, ANSI and other applicable standards, including proprietary MSI specifications.

With global and domestic manufacturing capabilities, we can ensure your product needs will be met when you need them.

Hot-dip galvanizing is in accordance with ASTM A153.

For technical support, installation information and special requirements please contact our Inside Sales Team at: 1-800-350-1650, or via e-mail at: sales@macleansenior.com

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POWER HUB ANCHORS

MacLean Senior Industries Power Hub Anchor System offers a versatile and cost effective power driven screw anchor for applications through Class 2 soils and to 36,000 Lbs. holding strength. These anchors can be installed to a depth of 14' with either a boom suspended torque motor line truck or rack type digger truck.

A complete Power Hub Anchor Assembly consists of a helix-hub assembly, anchor rod, and eyenut. The helix size (diameter) is selected for the required holding strength. The hub, either socket drive Turbo Drive® or solid hub is selected for the installation torque requirement. The rod is selected for the guy load and installed depth, and the eyenut is selected for the number of guys.

The helix hub is either a socket drive or solid hub with various combinations of helices, torque ratings, and different rod sizes as listed in the tables. The torque required to install the anchor will determine the anchor hub rating. The anchor rods are 5/8", 3/4" and 1" nominal sizes for 16,000, 23,000 and 36,000 Lbs. ultimate tension, respectively. Anchor rod lengths are 3.5' and 7'. The ends of the 3/4" diameter rod are upset and have the same thread as the 1" rod. The typical installation is with one 7' length rod. Eyenuits are designated with an "S", "D" or "T" for attaching one, two, or three guys, respectively.

POWER HUB-RCS SOLID HUB ANCHORS

1 3/8" SOLID SQUARE HB 6,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER HELIX SIZE TAPPED FOR ROD SIZE CARTON QTY CARTON WEIGHT

D82-6	8"	5/8"	2	20 Lbs.
D84-6	8"	3/4" or 1"	2	20 Lbs.
D8426				
D102-6	10"	5/8"	2	25 Lbs.
D104-6	10"	3/4" or 1"	2	25 Lbs.
D10426				
D112-6	12"	5/8"	2	32 Lbs.
D114-6	12"	3/4" or 1"	2	32 Lbs.
D134-6	14"	3/4" or 1"	2	40 Lbs.



1 1/2" SOLID SQUARE HUB - FOR STANDARD INSTALLING

SINGLE HELIX 6,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER HELIX SIZE TAPPED FOR ROD SIZE CARTON QTY CARTON WEIGHT

D182	8"	5/8"	2	21 Lbs.
D184	8"	3/4" or 1"	2	20 Lbs.
D284	8"	3/4" or 1"	25	665 Lbs.
D1104	10"	3/4" or 1"	2	25.8 Lbs.
D1114	12"	3/4" or 1"	2	32.8 Lbs.
D1134	14"	3/4" or 1"	2	41.6 Lbs.
D2104	10"	3/4" or 1"	25	810 Lbs.

7,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER HELIX SIZE TAPPED FOR ROD SIZE CARTON QTY CARTON WEIGHT

D184-7	8"	3/4" or 1"	2	21 Lbs.
D1104-7	10"	3/4" or 1"	2	31 Lbs.
D1114-7	12"	3/4" or 1"	2	33 Lbs.
D244-7	4"	3/4" or 1"	25	525 Lbs.
D284-7	8"	3/4" or 1"	25	650 Lbs.
D2104-7	10"	3/4" or 1"	25	825 Lbs.

ROD ONLY TOOL

- Power hub anchor rod is used with solid hub or socket drive power hub screw anchors
- All parts hot-dip galvanized

5/8" DIAMETER - 16,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER LENGTH CARTON QTY CARTON WEIGHT

D6231/2	3 & 1/2'	5	16.5 Lbs.
D62	7'	5	31.7 Lbs.

3/4" DIAMETER - 23,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER LENGTH CARTON QTY CARTON WEIGHT

D7531/2	3 & 1/2'	5	25.15 Lbs.
D75	7'	5	48.2 Lbs.

1" DIAMETER - 36,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER LENGTH CARTON QTY CARTON WEIGHT

D10031/2	3 & 1/2'	2	13.4 Lbs.
D100	7'	2	32 Lbs.



ROD WITH EYENUT

- Power hub anchor rod and eyenut are assembled at the factory
- Used with solid hub or socket drive power hub screw anchors
- One part number for both the rod and eyenut simplifies material handling
- All parts hot-dip galvanized
- U.S. made versions available

5/8" DIAMETER - 16,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	LENGTH	EYENUT TYPE	CARTON QTY	CARTON WEIGHT
D6231/2 S	3 & 1/2'	Single Guy Eye	5	18 Lbs.
D6231/2 D	3 & 1/2'	Double Guy Eye	5	18 Lbs.
D6231/2 T	3 & 1/2'	Triple Guy Eye	5	18 Lbs.
D62S	7'	Single Guy Eye	5	37.6 Lbs.
D62D	7'	Double Guy Eye	5	37.5 Lbs.
D62T	7'	Triple Guy Eye	5	42.7 Lbs.

3/4" DIAMETER - 23,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	LENGTH	EYENUT TYPE	CARTON QTY	CARTON WEIGHT
D7531/2S	3 & 1/2'	Single Guy Eye	5	34 Lbs.
D7531/2D	3 & 1/2'	Double Guy Eye	5	34 Lbs.
D7531/2T	3 & 1/2'	Triple Guy Eye	5	35 Lbs.
D75S	7'	Single Guy Eye	5	57.2 Lbs.
D75D	7'	Double Guy Eye	5	57.2 Lbs.
D75T	7'	Triple Guy Eye	5	58.62 Lbs.

ROD WITH EYENUT

1" DIAMETER - 36,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	LENGTH	EYENUT TYPE	CARTON QTY	CARTON WEIGHT
D10031/2S	3 & 1/2'	Single Guy Eye	2	18 Lbs.
D10031/2D	3 & 1/2'	Double Guy Eye	2	18 Lbs.
D10031/2T	3 & 1/2'	Triple Guy Eye	2	18 Lbs.
D100S	7'	Single Guy Eye	2	30 Lbs.
D100D	7'	Double Guy Eye	2	30 Lbs.
D100T	7'	Triple Guy Eye	2	36 Lbs.

ROD EXTENSION WITH COUPLING

- Power hub anchor rod and coupling are assembled at the factory
- Used with solid hub or socket drive power hub screw anchors
- One part number for both the rod and coupling simplifies material handling
- All parts hot-dip galvanized
- U.S. made versions available

5/8" DIAMETER - 16,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
D6231/2C	3 & 1/2'	5	20 Lbs.
D62C	7'	5	35 Lbs.

3/4" DIAMETER - 23,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
D7531/2C	3 & 1/2'	5	27.3 Lbs.
D75C	7'	5	51 Lbs.

1" DIAMETER - 36,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
D10031/2C	3 & 1/2'	2	16.8 Lbs.
D100C	7'	2	27.36 Lbs.



EYENUT ONLY

- Used with power hub rods for solid hub or socket drive power hub screw anchors
- All parts hot-dip galvanized

5/8" DIAMETER - 16,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	EYENUT TYPE	CARTON SIZE	CARTON WEIGHT
D6510A	Single Guy Eye	25	25 Lbs.
D6560A	Double Guy Eye	25	34 Lbs.
D6565	Triple Guy Eye	15	33 Lbs.



D6510A



D6565



D6560A

3/4" & 1" DIAMETER - 36,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	EYENUT TYPE	CARTON SIZE	CARTON WEIGHT
D6512	Single Guy Eye	15	30 Lbs.
D6562A	Double Guy Eye	15	25 Lbs.
D6567	Triple Guy Eye	25	55 Lbs.

COUPLING ONLY

- These couplings are used with all power hub rods when additional rods must be installed
- All parts hot-dip galvanized
- U.S. made versions available

5/8" DIAMETER - 16,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	CARTON SIZE	CARTON WEIGHT
D352	75	30 Lbs.


3/4" & 1" DIAMETER - 36,000 LBS. ULTIMATE TENSILE STRENGTH

PART NUMBER	CARTON SIZE	CARTON WEIGHT
D354	50	22.5 Lbs.

SOCKET DRIVE / TURBO DRIVE®

- Used for tough soils where the solid hub anchors cannot be installed
- One piece cast steel hub for increased torque and bending strength
- Four flute hub to break up tough soils
- Install 2 1/4" with standard power anchor installing tool (5 1/4" bolt circle)
- Install 2 1/2" with high strength power anchor installing tool (7 5/8" bolt circle)
- All of the power installed anchor rods are used with the Turbo Drive® anchor
- Standard Turbo Drive® anchors are used with 3/8" helix
- Heavy duty Turbo Drive® anchors are used with 1/2" helix
- U.S. made versions available

2 1/4" SOCKET DRIVE ANCHOR, 3/8" THICK HELIX
STANDARD 10,000 FT-LBS ULTIMATE TORQUE CAPACITY

PART NUMBER	HELIX SIZE	TAPPED FOR ROD SIZE	CARTON QTY	CARTON WEIGHT
TD225-82	8"	5/8"	2	21..5 Lbs.
TD225-84	8"	3/4" or 1"	2	21.5 Lbs.
TD225-102	10"	5/8"	4	49 Lbs.
TD225-104	10"	3/4" or 1"	2	28 Lbs.
TD225-112	12"	5/8"	2	34 Lbs.
TD225-114	12"	3/4" or 1"	2	34 Lbs.
TD225-134	14"	3/4" or 1"	3	77 Lbs.



2 1/4" SOCKET DRIVE ANCHOR, 1/2" THICK HELIX

HEAVY-DUTY 10,000 FT-LBS ULTIMATE TORQUE CAPACITY

PART NUMBER	HELIX SIZE	EYENUT TYPE	CARTON QTY	CARTON WEIGHT
TDH225-82	8"	5/8"	2	21.5 Lbs.
TDH225-84	8"	3/4" or 1"	2	21.5 Lbs.
TDH225-104	10"	3/4" or 1"	2	28 Lbs.
TDH225-112	12"	5/8"	2	41 Lbs.
TDH225-114	12"	3/4" or 1"	2	41.3 Lbs.
TDH225-134	14"	3/4" or 1"	2	50 Lbs.

2 1/2" SOCKET DRIVE ANCHOR

STANDARD 10,000 FT-LBS ULTIMATE TORQUE CAPACITY, 3/8" THICK HELIX

PART NUMBER	HELIX SIZE	TAPPED FOR ROD SIZE	CARTON QTY	CARTON WEIGHT
TD250-84	8"	3/4" or 1"	2	20.94 Lbs.
TD250-104	10"	3/4" or 1"	2	27 Lbs.
TD250-114	12"	3/4" or 1"	2	39 Lbs.
TD250-134	14"	3/4" or 1"	2	48 Lbs.

HEAVY-DUTY 15,000 FT-LBS ULTIMATE TORQUE CAPACITY, 1/2" THICK HELIX

PART NUMBER	HELIX SIZE	EYENUT TYPE	CARTON QTY	CARTON WEIGHT
TDH250-84	8"	3/4" or 1"	2	20.94 Lbs.
TDH250-104	10"	3/4" or 1"	2	36 Lbs.
TDH250-114	12"	3/4" or 1"	2	46 Lbs.
TDH250-134	14"	3/4" or 1"	2	56 Lbs.

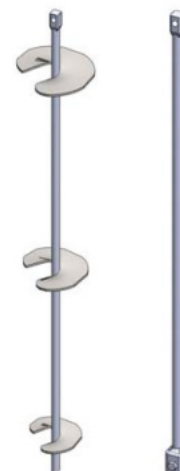
POWER SHAFTS

- 1 1/4" diameter screw anchor is used in areas where relatively soft soils are present and with moderate holding strength requirements
- Ultimate torsion capacity of the shaft is 2,300 Ft-Lbs. protection
- U.S. made versions available

1 1/4" ROUND SHAFT ANCHOR 1 1/4" ROUND SHAFT ANCHOR

1 1/4" ROUND SHAFT, 7' LENGTH - 2,300 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	HELIX SIZE	CARTON QTY	CARTON WEIGHT
D6710	10"	25	1,047.5 Lbs.
D6720	8"/10"	25	1,200 Lbs.
D6730	8"/10"/12"	25	1,421 Lbs.



1 1/4" ROUND SHAFT ANCHOR 1 1/4" ROUND SHAFT ANCHOR

1 1/4" ROUND SHAFT EXTENSIONS - 2,300 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER HELIX SIZE CARTON QTY CARTON WEIGHT

D6733	3.5'	10	182 Lbs.
D6735	5'	10	251 Lbs.
D6737	7'	10	335 Lbs.

Notes:

- 1) Part numbers above are for lead section only
- 2) Add suffix "-S" for single guy eye attachment; add "-D" for double guy eye attachment; add suffix "-T" for triple guy eye attachment

1 1/2" GUY ATTACHMENT

- Available in single eye, double eye, or triple eye
- U.S. made versions available

PART NUMBER NO. OF GUYS CARTON QTY CARTON WEIGHT

D6602US	1	4	29.4 Lbs.
D6604US	2	5	36.75 Lbs.
D6606US	3	5	39.5 Lbs.



1 1/2" SQUARE SHAFT LEAD ANCHOR

- 1 1/2" square screw anchors are used in areas where additional helices must be installed and greater torque capacity is required
- There are two ratings - standard with 5,500 Ft-Lbs and high strength with 7,000 Ft-Lbs ultimate torque capacity
- Ultimate anchor holding strength and mechanical strength (lead section, extension, guy adapter) is 70,000 Lbs.

STANDARD 10,000 FT-LBS ULTIMATE TORQUE CAPACITY

PART NUMBER HELIX SIZE LENGTH CARTON QTY CARTON WEIGHT

D6632	8"/10"	3'	25	865 Lbs.
D6634	10"/12"	3 & 1/2'	25	1,200 Lbs.
D6636	8"/10"/12"	5 & 1/2'	25	1,625 Lbs.
D6637	10"/12"/14"	7'	20	1,830 Lbs.
D6638	10"/12"/14"/14"	10 & 1/2'	15	2,055 Lbs.

Notes:

- 1) Part numbers above are for lead section only
- 2) Add suffix "-SU" for single guy eye attachment; add "-DU" for double guy eye attachment; add suffix "-TU" for triple guy eye attachment (i.e. D6632SU)



1 1/2" SQUARE EXTENSION WITH HELIX

- Extensions with helix for additional helices
- Extensions range from 3 1/2' to 10' in length
- The extension torque rating must match the lead section

5,500 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER HELIX SIZE LENGTH CARTON QTY CARTON WEIGHT

D6620UD	14"	5'	5	285 Lbs.
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1 1/2" SQUARE SHAFT EXTENSION WITHOUT HELIX

5,500 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
D6616U	3 & 1/2'	10	281.5 Lbs.
D6620U	5'	10	399.1 Lbs.
D6625-U	7'	10	555 Lbs.
D6630-U	10"	10	800 Lbs.



1 1/2" SQUARE SHAFT LEAD ANCHOR

- 1 1/2" square screw anchors are used in areas where additional helices must be installed and greater torque capacity is required
- There are two ratings - standard with 5,500 Ft-Lbs and high strength with 7,000 Ft-Lbs ultimate torque capacity
- Ultimate anchor holding strength and mechanical strength (lead section, extension, guy adapter) is 70,000 Lbs

7,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	HELIX SIZE	LENGTH	CARTON QTY	CARTON WEIGHT
D6632-7	8"/10"	3'	25	1,335 Lbs.
D6634-7	10"/12"	3 & 1/2'	25	1,500 Lbs.
D6636-7	8"/10"/12"	5 & 1/2'	20	1,750 Lbs.
D6637-7	10"/12"/14"	7'	20	1,800 Lbs.

Notes:

- 1) Part numbers above are for lead section only
- 2) Add suffix "-SU" for single guy eye attachment; add "-DU" for double guy eye attachment; add suffix "-TU" for triple guy eye attachment (i.e. D6632SU7)



1 1/2" SQUARE EXTENSION WITH HELIX

- Extensions with helix for additional helices
- Extensions range from 3 1/2' to 10' in length
- The extension torque rating must match the lead section

7,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	HELIX SIZE	LENGTH	CARTON QTY	CARTON WEIGHT
D6616UC7	12"	3 & 1/2'	5	206 Lbs.
D6616UD7	14"	3 & 1/2'	5	206 Lbs.



1 1/2" SQUARE SHAFT EXTENSION WITHOUT HELIX

7,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
D6616U7	3 & 1/2'	10	310 Lbs.
D6620U7	5'	10	410 Lbs.
D6625U7	7'	10	548 Lbs.
D6630U7	10"	20	1590 Lbs.



1 3/4" SQUARE SHAFT ANCHOR

- 1 3/4" square screw anchors are used in areas where additional helices must be installed and greater torque capacity is required
- The shaft is rated at 10,000 Ft-Lbs ultimate torque capacity
- Ultimate anchor holding strength and mechanical strength (lead section, extension, guy adapter) is 100,000 Lbs.

10,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	HELIX SIZE	LENGTH	CARTON QTY	CARTON WEIGHT
D17532	8"/10"	5'	5	335 Lbs.
D17536	8"/10"/12"	5 & 1/2'	20	2,000 Lbs.
D17538	10"/12"/14"/14"	10'	15	2,395 Lbs.



1 3/4" SQUARE EXTENSION WITH HELIX

- Extensions with helix for additional helices
- Only to be installed to the lead section
- Extensions range from 3 1/2' to 10' in length
- The extension torque rating must match the lead section

10,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	HELIX SIZE	LENGTH	CARTON QTY	CARTON WEIGHT
D2801-0011	14"	4'	5	320 Lbs.



1 3/4" SQUARE SHAFT EXTENSION WITHOUT HELIX

10,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
D17516	3 & 1/2'	50	1,900 Lbs.
D17520	5'	40	2,170 Lbs.
D17525	7'	25	1,880 Lbs.
D17530	10"	20	2,160 Lbs.



1 3/4" GUY ATTACHMENT

- Triple eye
- U.S. made versions available

PART NUMBER	NO. OF GUYS	CARTON QTY	CARTON WEIGHT
D2801-0002	3	20	510 Lbs.



2" SQUARE SHAFT ANCHOR

- 2" square screw anchors are used in areas where additional helices must be installed and greater torque capacity is required
- The shaft is rated at 15,000 Ft-Lbs ultimate torque capacity
- Ultimate anchor holding strength and mechanical strength (lead section, extension, guy adapter) is 150,000 Lbs

15,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	HELIX SIZE	LENGTH	CARTON QTY	CARTON WEIGHT
D1566T81012	8"/10"/12"	5 & 1/2'	15	1,655 Lbs.
D1584T101214	10"/12"/14"	7'	15	2,195 Lbs.

Notes:

- 1) Catalog numbers above are for lead section only
- 2) Add suffix "-TU" for triple guy eye attachment



2" SQUARE EXTENSION WITH HELIX

- Extensions with helix for additional helices
- Only to be installed to the lead section
- Extensions range from 3 1/2' to 10' in length
- The extension torque rating must match the lead section

15,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	HELIX SIZE	LENGTH	CARTON QTY	CARTON WEIGHT
D15E84T14	14"	7'	15	1,880 Lbs.



2" SQUARE EXTENSION WITHOUT HELIX

15,000 FT-LBS ULTIMATE INSTALLING TORQUE

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
D15E60	5'	20	1,680 Lbs.
D15E84	7'	20	1,940 Lbs.



DRIVEN ANCHORS
MANTA RAY® ANCHOR

- Pneumatically driven, no digging, no damage, no soil disturbance
- Anchors proof loaded to exact capacity required during installation
- Fast, easy installation
- Lightweight, portable equipment
- Substantial time and cost savings

PART NUMBER	MODEL NUMBER	DESCRIPTION
20221-UT-II	MR-4-UT-II	12M guy capacity in class 1-3 soils. Used with 5/8" Utility Anchor Rod. 6 per carton, carton weight: 31.2 Lbs.
20210-UT-II	MR-3-UT-II	18M guy capacity in class 1-5 soils. 12M guy capacity in class 1-6 soils. Used with 5/8" Utility Anchor Rod. 6 per carton, carton weight: 43.2 Lbs.
20199-UT-II	MR-2-UT-II	32M guy capacity in class 1-3 soils. 18M and 12M guy capacity in class 4-5 soils. Used with 3/4" or 1" Utility Anchor Rod. 4 per carton, carton weight: 42 Lbs.
20036-UT-II	MR-1-UT-II	32M guy capacity in class 3-5 soils. 18M and 12M guy capacity in class 6 soils. Used with 1" Utility Anchor Rod. 4 per carton, carton weight: 50.8 Lbs.
20229-UT-II	MR-SR-UT-II	32M guy capacity in class 5-6 soils. 18M and 12M guy capacity in class 7-8 soils. Used with 1" Utility Anchor Rod. 2 per carton, carton weight: 41 Lbs.
20031	MK-B-UT-II	32M guy capacity in class 7-8 soils. Not driven less than 14' deep to load lock. Used with 1" Utility Anchor Rod. 1 per carton, carton weight: 67.6 Lbs.



MR-4-UT-II



MR-3-UT-II



MR-2-UT-II



MR-1-UT-II



MR-SR-UT-II



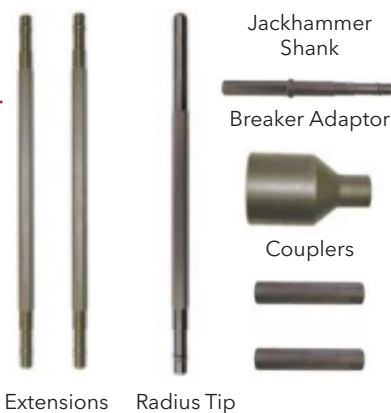
MK-B-UT-II

ANCHORS

MANTA RAY® EXTENSION

PART NUMBER MODEL NUMBER DESCRIPTION CARTON QTY CARTON WEIGHT

50233	SG-2	Drive steel extension piece - 33"	1	11.6 Lbs.
50236	SG-3	Radius drive tip - 30"	1	10.5 Lbs.
50240	SG-4	Drive steel coupler piece-Standard	1	3 Lbs.
51014	SG-4MD	Drive steel coupler piece - Medium Duty	1	4 Lbs.



Full Assembly



MANTA RAY® TOOL

PART NUMBER MODEL NUMBER DESCRIPTION CARTON QTY CARTON WEIGHT

50242	SG-X	Drive steel extractor bar	1	8.5 Lbs.
50243	SGC-14	Kit for 1 & 1/4" x 6" chuck hammer/breakers	1	60.1 Lbs.
50244	SGC-18	Kit for 1 & 1/8" x 6" chuck hammer/breakers	1	59 Lbs.
50231	SG-14	1 & 1/4" hex x 16" shank, 15 & 1/2" overall length	1	5.7 Lbs.
50232	SG-18	1 & 1/8" hex x 16" shank, 15 & 1/2" overall length	1	4.9 Lbs.
50127	LL-1	Complete Anchor Locker Assembly	1	148 Lbs.
50364	HB90-14CE	Hydraulic Anchor Driving Hammer with 1 & 1/4" x 6" chuck, 90# class	1	89 Lbs.
50087	HC-16-25	25' Hydraulic Hose with HTMA II coupler, Minimum of 2 Required, use 4	1	8 Lbs.
50382	GPU18-8CE	Portable Hydraulic Power Unit, 18 Hp, 5-8 GPM, 2000 PSI	1	316 Lbs.
50084	GB-1	Drive steel carrying bag	1	1.4 Lbs.

MANTA RAY® TOOL
KIP (1,000LBS)/KN* CAPACITY CHART BASED ON STANDARD 7 FT (2.1 M) UTILITY ANCHOR ROD DEPTH IN SOIL

SOIL TYPE	COMMON SOIL TYPE DESCRIPTION	TYPE BLOW COUNT "N" PER ASTM-D 1586	MR-4		MR-3		MR-2		MR-1		MR-SR		MR-8	
ULTIMATE STRENGTH			KIPS	KN	KIPS	KN	KIPS	KN	KIPS	KN	KIPS	KN	KIPS	KN
1/2	Dense fine compacte sand: Very hard silts and clays	45-60	16	71	20	89	40	178	40	178	40	178	40	178
			9-16	40-71	17-20	76-89	21-28	93-125	36-40	160-178	N/A	N/A	N/A	N/A
			(2,3,4)		(2,3,4)		(2,4)		(1,2,3)		(5)		(5)	
2/3	Dense clays, sands and gravel: Hard silts and clays	35-50	6-9	27-40	12-18	53-80	15-22	67-98	24-36	107-160	32-40	142-178	N/A	N/A
			(4)		(4)		(2,4)		(2,4)		(2,3,4)		(5)	
3/4	Medium dense sandy gravel: Very stiff to hard silts and clays	24-40	4.5-6	20-25	9-14	40-62	12-18	53-80	18-20	80-89	24-34	107-151	N/A	N/A
			(4)		(4)		(4)		(4)		(2,4)		(5)	
5/6	Medium dense coarse sand and sandy gravel: Stiff to very still silts and clays	14-25	3.5-4.5	16-20	7-9	31-40	9-12	40-53	15-20	67-89	18-24	80-107	N/A	N/A
			(4)		(4)		(4)		(4)		(4)		(5)	
6/7	Loose to medium dense fine to coarse sand: Firm to stiff clays and silts	7-14	2.5-4	11-18	5-8	22-36	7-10	31-44	10-15	44-67	14-18	62-80	20-24	89-107
			(4)		(4)		(4)		(4)		(4)		(4)	
7/8	Loose fi nd sand: Alluvi-umSoft-firm clays: Varied clays, fill, fine saturated	4-8	1.5-2.5	7-11	3-5	13-22	5-8	22-36	8-12	36-53	9-14	40-62	13-20	58-89
			(4,6)		(4,6)		(4,6)		(4,6)		(4,6)		(4,6)	
RATING Anchors are compatible with industry standard anchor rods.			Up to 12M in hard soils. Up to 6M in average soils. Dual purpose anchor. Used with 5/8" anchor rods.		Up to 12M for average/normal soils. Used with 5/8" anchor rods.		Up to 32M in hard soil. Up to 18M in average soils. Dual purpose anchor. Used with 3/4" and 1" anchor rods.		Up to 32M for average/normal soils. Used with 3/4" and 1" anchor rods.		Up to 32M for loose or wet soils. Used with 3/4" and 1" anchor rods.		Up to 32M for very loose or wet soils. Used with 3/4" and 1" anchor rods.	
PROOF LOAD Maximum anchor proof load necessary (2-1 safety factor) on anchor rod strength.			4,000 lbs - 5/8" rod		8,000 lbs - 5/8" rod		16,000 lbs - 1" rod 12,000 lbs - 3/4" rod		16,000 lbs - 1" rod 12,000 lbs - 3/4" rod		16,000 lbs - 1" rod 12,000 lbs - 3/4" rod		16,000 lbs - 1" rod 12,000 lbs - 3/4" rod	

(1) Drilled hole required to install.

(2) Installation may be diffi cult. Pilot hole may be required.

(3) Holding capacity limited by structural rating of anchors.

(4) Holding capacity limited by soil failure.

(5) Not recommended in these soils.

(6) Wide variation in soil properties reduces prediction accuracy. Pre-construction field test recommended.

Holding capacity in KIPS and KN after anchor locking with no signifi cant movement and no safety factor. Use this chart for estimation only.

True capacity must be tested with anchor load locker.

EXPANDING ANCHORS

- Expanding anchors are made for installation in holes augered by power drillers
- One piece formed anchor with wings and a base.
- Retainer on the bottom holds the nut from the forged eye rod
- U.S. made versions available

PART NUMBER	HOLE SIZE	AREA (SQ. IN.)	ROD SIZE	CARTON QTY	CARTON WEIGHT
J8135	8"	135	5/8" or 3/4"	6	48.48 Lbs.
J8135-1	8"	135	1"	6	49.98 Lbs.
J8200-1	10"	200	1"	4	76 Lbs.
J8200-3/4	10"	200	5/8" or 3/4"	4	72 Lbs.
J0283	12"	300	1 & 1/4"	2	58 Lbs.
J0283-1	12"	300	1 & 1/4"	2	59 Lbs.



CROSS PLATE ANCHORS

- Expanding anchors are made for installation in holes augered by power drillers
- One piece formed anchor with wings and a base.
- Retainer on the bottom holds the nut from the forged eye rod
- U.S. made versions available

PART NUMBER	HOLE SIZE	AREA (SQ. IN.)	ROD SIZE	CARTON QTY	CARTON WEIGHT
J3516	16"	150	5/8" or 3/4"	6	57.86 Lbs.
J3520	20"	250	5/8" or 3/4"	4	64 Lbs.
J3520-1	20"	250	1"	4	64.8 Lbs.
J3524-3/4	24"	400	5/8" or 3/4"	1	31.45 Lbs.
J3524	24"	400	1"	1	31.45 Lbs.
J3524-1	24"	400	1 & 1/4"	1	31.45 Lbs.



POLE KEY ANCHORS

- Expanding anchors are made for installation in holes augered by power drillers
- One piece formed anchor with wings and a base.
- Retainer on the bottom holds the nut from the forged eye rod
- U.S. made versions available

PART NUMBER	WIDTH EXPANDED	BLADE WIDTH	AREA (SQ. IN.)	CARTON QTY	CARTON WEIGHT
J4817	27 & 1/4"	7"	276	1	23 Lbs.



RODS

GALVANIZED FORGED EYE ROD

- Rods feature an integral forged eye available for one, two, or three guys and in various diameters and lengths for use with expanding, cross plate and other similar anchors
- The rods are threaded 3 1/2" and are assembled with a heavy square nut

SINGLE GUY EYE

PART NUMBER	ULTIMATE STRENGTH RATING	ROD DIAMETER	LENGTH	CARTON QTY	CARTON WEIGHT
J7415	16,000 Lbs.	5/8"	5'	10	60 Lbs.
J7416	16,000 Lbs.	5/8"	6'	10	68 Lbs.
J7417	16,000 Lbs.	5/8"	7'	10	76 Lbs.
J7418	16,000 Lbs.	5/8"	8'	10	80 Lbs.
J7428	23,000 Lbs.	3/4"	8'	5	58 Lbs.

DOUBLE GUY EYE

PART NUMBER	ULTIMATE STRENGTH RATING	ROD DIAMETER	LENGTH	CARTON QTY	CARTON WEIGHT
J7516	16,000 Lbs.	5/8"	6'	10	70 Lbs.
J7517	16,000 Lbs.	5/8"	7'	10	80 Lbs.
J7518	16,000 Lbs.	5/8"	8'	5	40 Lbs.
J7527	23,000 Lbs.	3/4"	7'	5	50 Lbs.
J7528	23,000 Lbs.	3/4"	8'	5	60 Lbs.
J7529	23,000 Lbs.	3/4"	9'	5	70 Lbs.
J7538	36,000 Lbs.	1"	8'	2	36.8 Lbs.
J7540	36,000 Lbs.	1"	10'	2	56 Lbs.

TRIPLE GUY EYE

PART NUMBER	ULTIMATE STRENGTH RATING	ROD DIAMETER	LENGTH	CARTON QTY	CARTON WEIGHT
J7327	23,000 Lbs.	3/4"	7'	5	60 Lbs.
J7328	23,000 Lbs.	3/4"	8'	5	65 Lbs.
J7329	23,000 Lbs.	3/4"	9'	5	70 Lbs.
J7338	36,000 Lbs.	1"	8'	2	38.4 Lbs.
J7340	36,000 Lbs.	1"	10'	2	46.4 Lbs.
J7350	58,000 Lbs.	1 & 1/4"	10'	25	1,080 Lbs.



ROCK ANCHORS

- Installed into rock and expands to develop the full strength of the anchor rod
- Hole is core drilled into rock
- Triple guy eye

3/4" DIAMETER - 23,000 LBS. ULTIMATE STRENGTH RATING

PART NUMBER	ROD LENGTH	ANCHOR SIZE CLOSED	ANCHOR SIZE EXPANDED	HOLE SIZE	CARTON QTY	CARTON WEIGHT
J3436	15"	1 & 3/4"	2 & 3/8"	1 & 7/8"	5	25 Lbs.
J3437	30"	1 & 3/4"	2 & 3/8"	1 & 7/8"	5	33.61 Lbs.
J3438	53"	1 & 3/4"	2 & 3/8"	1 & 7/8"	1	10 Lbs.
JR360	60"	1 & 3/4"	2 & 3/8"	1 & 7/8"	50	550 Lbs.
JR372	72"	1 & 3/4"	2 & 3/8"	1 & 7/8"	50	600 Lbs.
JR384	84"	1 & 3/4"	2 & 3/8"	1 & 7/8"	50	650 Lbs.
JR396	96"	1 & 3/4"	2 & 3/8"	1 & 7/8"	50	760 Lbs.



1" DIAMETER - 36,000 LBS. ULTIMATE STRENGTH RATING

PART NUMBER	ROD LENGTH	ANCHOR SIZE CLOSED	ANCHOR SIZE EXPANDED	HOLE SIZE	CARTON QTY	CARTON WEIGHT
JR130L	30"	2 & 1/4"	3 & 1/8"	2 & 3/8"	3	36 Lbs.
JR153L	53"	2 & 1/4"	3 & 1/8"	2 & 3/8"	1	17 Lbs.
JR172L	70"	2 & 1/4"	3 & 1/8"	2 & 3/8"	1	18 Lbs.
JR196L	96"	2 & 1/4"	3 & 1/8"	2 & 3/8"	1	25 Lbs.

NO WRENCH ANCHORS

- Integral forged eye anchor with a helix welded to the shaft
- Triple guy eye
- For manual or machine installation

PART NUMBER	HELIX SIZE	ROD DIAMETER	ROD LENGTH	CARTON QTY	CARTON WEIGHT
J6524WCA	4"	3/4"	54"	100	800 Lbs.
J6526WCA	6"	3/4"	66"	100	1,200 Lbs.
J6528WCA	8"	1"	66"	50	920 Lbs.
J6530WCA	10"	1 & 1/4"	66"	10	288 Lbs.
J6550WCA	10"	1 & 1/4"	96"	20	784 Lbs.
J6584WCA	14"	1 & 1/4"	96"	16	912 Lbs.
J6585WCA	15"	1 & 1/4"	96"	16	928 Lbs.


NO WRENCH ANCHOR EXTENSION

- Integral forged eye with a forged clevis when greater installing depths are required
- Triple guy eye
- U.S. made versions available

PART NUMBER	ROD DIAMETER	ROD LENGTH	CARTON QTY	CARTON WEIGHT
J6566	1 & 1/4"	6'	2	58 Lbs.


CLAMPS & ACCESORIES
AUXILIARY ANCHOR ROD EYE CLAMP

- Auxiliary eye clamp provides an efficient method of adding an eye to an existing anchor rod for attaching an additional guy.

PART NUMBER	THIMBLE DIAMETER	ROD DIAMETER	MAX. STRAND SIZE	CARTON QTY	CARTON WEIGHT
AE155	1 & 1/2"	5/8" - 3/4"	1/2"	25	64.75 Lbs.
AE155A	1 & 1/2"	3/4" - 1"	1/2"	20	62 Lbs.
AE155B	1 & 1/2"	1 & 1/4"	9/16"	10	30.3 Lbs.



GUY BONDING CLAMP FOR FORGED EYE ROD

- Designed for use with MSI rods with integral forged eye to maintain firm contact between the guy strand and the rod eye when the down also serves as a ground

PART NUMBER	ROD TYPE	ROD DIAMETER	STRAND SIZE	CARTON QTY	CARTON WEIGHT
J3230	Single Guy Eye	5/8" 3/4" 1"	3/16" - 3/8" 3/8" - 1/2" 3/8" - 1/2"	250	43 Lbs.
J3231	Double Guy Eye	5/8" 3/4" 1"	1/4" - 1/2" 1/4" - 1/2" 3/8" - 1/2"	250	32.5 Lbs.
J3233	Triple Guy Eye	3/4" 1" 1 & 1/4"	1/4" - 1/2" 1/4" - 1/2" 1/4" - 1/2"	100	23 Lbs.


GUY BONDING CLAMP FOR POWER HUB ANCHOR EYENUT

- Designed for use with MSI Power Hub anchor eyenuts to maintain firm contact between the guy strand and the eyenut when the down guy also serves as a ground

PART NUMBER	ROD TYPE	ROD DIAMETER	CARTON QTY	CARTON WEIGHT
J26714	Single Guy Eye	1/2" & 5/8"	100	21 Lbs.
J26715	Single Guy Eye	3/4" & 1"	50	18 Lbs.
J26716	Double Guy Eye	5/8", 3/4" & 1"	50	19 Lbs.


CABINETPILE™
CABINETPILE™ HELICAL PILE FOUNDATION SYSTEM

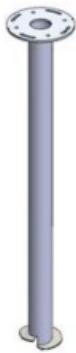
- Designed for elevated or ground mount applications supporting communications cabinets and equipment
 - Exceeds Telcordia GR487 issue 3 requirements for:
 - Compression loading
 - 150 mph hurricane force wind loading
 - Environmentally induced and seismic vibration testing
 - Replaces traditional pole mounted brackets and concrete pad mount installations
 - CabinetPile™ has:
 - Lower overall installation cost
 - Quicker installation cycle time
 - Single visit installation
 - Meets industry bonding and grounding requirements
- Foundation system consists of:
- Traditional helical pile with modified top plate to support communications cabinets
 - Custom adapter plate
 - Complete hardware kit
- Consult factory for custom design applications

3/4" DIAMETER - 23,000 LBS. ULTIMATE STRENGTH RATING

PART NUMBER	PIPE DIAMETER	PIPE LENGTH	HEIGHT ABOVE GRADE	CARTON QTY	CARTON WEIGHT
F06108-ALP248RM	6"	9'	30"	1	240 Lbs.
F10084-ALP248RM	10"	7'	30"	1	249 Lbs.

CABINETPILE™ INSTALLATION TOOL

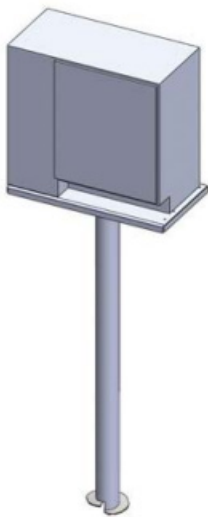
PART NUMBER	DESCRIPTION	BOLT CIRCLE	BOLT SIZE	CARTON QTY	CARTON WEIGHT
KB200-914BC	For use with 2" hex kelly bar	9"/14"	1"	1	44 Lbs.
KB250-914BC	For use with 2 1/2" hex kelly bar	9"/14"	1"	1	43 Lbs.
KB263-914BC	For use with 2 5/8" hex kelly bar	9"/14"	1"	1	44 Lbs.



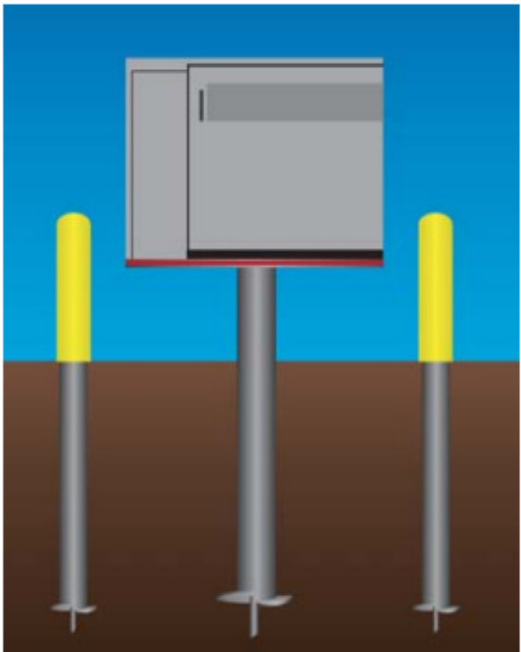
Helical Pile
with modified
top plate



Helical Pile
with Custom
Adapter Plate



Helical Pile
with utility
cabinet installed



CabinetPile™ System with optional
bollard assembly (parking bumper).

MacLean Senior Industries (MSI) Aerial & Poleline Hardware Products are engineered and manufactured for durability, reliability and ease of installation.

MacLean Senior Industries' rigid quality assurance program assures all materials, manufacturing processes, and critical dimensions conform to ASTM, ANSI and other applicable standards, as well as the proprietary MSI specifications. With global and domestic manufacturing capabilities, we can ensure your quality product needs will be met when you need them.

Our Poleline Hardware conforms to the latest revisions of ASTM and Bellcore specifications. Mechanical plating is per ASTM B695. Hot-dip galvanizing is per ASTM A153.

For technical support, installation information and special requirements please contact our Inside Sales Team at: 1-800-350-1650, or via e-mail at: sales@macleansenior.com

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BANDING

BAND, STAINLESS

- Allows for quick installation to a wide variety of poles and sizes
- No drilling required on composite, steel or concrete poles
- Forms over any shape pole
- Cut to length allows technicians to adapt installation to any pole diameter
- Stainless steel material for excellent corrosion resistance
- *Supplied in optional durable red plastic carrier for convenience
- 304 stainless steel available

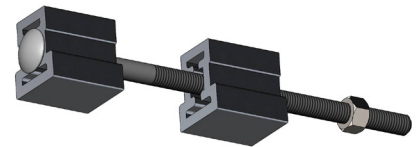
PART NUMBER	SIZE	LENGTH	STAINLESS GRADE	THICKNESS	CARTON QTY	CARTON WEIGHT
SI-SSB-.750-100-201	3/4"	100'	201	0.03"	5	40 Lbs.
SI-SSB-.750-100-201-R	3/4"	100'	201	0.03"	5	37.9 Lbs.
SI-SSB-1.25-100-201	1 & 1/4"	100'	201	0.044"	1	17.2 Lbs.
SI-SSB-.500-100-201	1/2"	100'	201	0.03"	5	13 Lbs.
SI-SSB-.500-100-201R	1/2"	100'	201	0.03"	5	13 Lbs.



BUCKLE, BOLT STYLE

- Allows for mounting on round, square, or irregular shaped poles without drilling
- Installs in minutes with no special tools required.
- Bolt size 3/8" (MBAB-38) or 5/8" (MBAB-58)

PART NUMBER	BANDING SIZE	BOLT SIZE	CARTON QTY	CARTON WEIGHT
MBAB-38	3/4"	3/8"	24	8.88 Lbs.
MBAB-58	1 & 1/4"	5/8"	24	1.44 Lbs.



BUCKLE, EAR LOCK STYLE

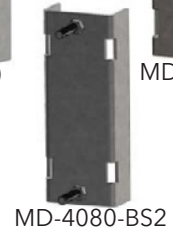
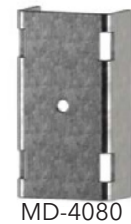
- Used in tandem with banding tool to secure band about pole
- Simple installation
- Crimp closed using hammer
- 304 stainless steel available

PART NUMBER	SIZE	INNER PACK QTY	STAINLESS GRADE	CARTON QTY	CARTON WEIGHT
SI-ELB-.750-201	3/4"	100	201	500	17.85
SI-ELB-1.25-201	1 & 1/4"	25	201	200	20


MOUNT, GENERAL PURPOSE

- Utilized with 3/4" or 1 1/4" banding to provide mounting location for equipment and clamps
- Formed from 5" wide x 2-1/2" deep galvanized steel channel

PART NUMBER	LENGTH	DESCRIPTION	CARTON QTY	CARTON WEIGHT
MD-4080	10"	13/16" Center Mounting Hole	2	14 Lbs.
MD-4080-BS1	10"	Supplied with 5/8" x 3 & 1/2" Hardware	2	14.56 Lbs.
MD-4080-BS2	14"	Supplied with (2) 5/8" x 3 & 1/2" Hardware	5	54 Lbs.


MOUNT, MULTI-PURPOSE

- Utilized with 3/4" or 1-1/4" bandings to provide mounting point for suspension clamps and other pole line hardware
- Includes steel bolt and square nut, hot-dip galvanized
- Body constructed of extruded aluminum

PART NUMBER	DESCRIPTION	BOLT SIZE	CARTON QTY	CARTON WEIGHT
MHDBB-1511-H	Heavy Duty Mount	5/8" x 2"	24	14 Lbs.
MHDBB-1511-H3.5H	Heavy Duty Mount	5/8" x 3 & 1/2", Grade 5	24	20.64 Lbs.
MHDBB-1511-H3H	Heavy Duty Mount	5/8" x 3", Grade 5	24	20.88 Lbs.


MOUNT, SERVICE DROP

- Utilized with banding to create a drop attachment point

PART NUMBER	BAND SIZE	MATERIAL	CARTON QTY	CARTON WEIGHT
SI-0015-1	3/4"	Galvanized Steel	100	14.4 Lbs.



BOLTS**'A' CABLE SUSPENSION BOLT**

- Constructed of high quality steel, hot-dip galvanized
- Cone points permit easy driving without damage to threads
- Bolts are supplied with two square nuts assembled
- Additional sizes available upon request

Bellcore Specification: 6645

5/8" 'A' CABLE SUSPENSION BOLT - MINIMUM TENSILE STRENGTH 13,550 LBS.

PART NUMBER	ALTERNATE	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
JCA6645.A01	SI-1416-1	5/8" x 8"	50	13" x 8" x 7 & 1/2"	44 Lbs.
JCA6645.A02	SI-1420-1	5/8" x 10"	50	11 & 1/2" x 10 & 1/4" x 5 & 1/4"	52 Lbs.
JCA6645.A03	SI-1422-1	5/8" x 12"	25	13" x 8 & 1/4" x 6"	31 Lbs.
JCA6645.A04	SI-1424-1	5/8" x 14"	25	15" x 9" x 6"	34 Lbs.
JCA6645.A05	SI-1426-1	5/8" x 16"	30	17" x 8" x 5"	43.8 Lbs.
JCA6645.A06	SI-1428-1	5/8" x 18"	25	19 & 1/4" x 9" x 4 & 1/2"	40.5 Lbs.
JCA6645.A07	SI-1430-1	5/8" x 20"	25	21" x 6 & 1/4" x 4 & 5/8"	44.5 Lbs.
JCA6645.A08	SI-1432-1	5/8" x 22"	25	23" x 6" x 5"	48.5 Lbs.
JCA6645.A09	SI-1434-1	5/8" x 24"	25	26 & 1/2" x 8" x 7 & 1/4"	52.5 Lbs.

5/8" 'A' CABLE SUSPENSION BOLT - MINIMUM TENSILE STRENGTH 13,550 LBS.

PART NUMBER	ALTERNATE	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
JCA6645.A10	SI-1510-1	3/4" x 10"	25	14 & 1/2" x 8" x 5 & 1/2"	39 Lbs.
JCA6645.A11	SI-1512-1	3/4" x 12"	25	13 & 1/2" x 8 & 1/2" x 6"	44 Lbs.
JCA6645.A12	SI-1514-1	3/4" x 14"	25	15" x 8" x 6"	49 Lbs.
JCA6645.A13	SI-1516-1	3/4" x 16"	15	17 & 1/4" x 8 & 1/2" x 4 & 1/2"	33 Lbs.
JCA6645.A14	SI-1518-1	3/4" x 18"	25	19 & 1/2" x 10" x 4 & 1/2"	58 Lbs.

BRACE BOLT

- Brace bolts are used in place of carriage bolts or machine bolts to fasten braces to crossarms
- Integral washer hex head construction provides a static-proof design
- Constructed of high quality steel, hot-dip galvanized
- Minimum tensile strength 4,250 Lbs.
- U.S. made version available

PART NUMBER	SIZE	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J8624-1/2	3/8" x 4 & 1/2"	2"	250	49 Lbs.



CARRIAGE BOLT

- Constructed of high quality steel, hot-dip galvanized
- Square shoulder prevents turning of the bolt when tightening
- Supplied with one square nut assembled
- 3/8" bolt minimum tensile strength 4,250 Lbs., 1/2" bolt minimum tensile strength 8,500 Lbs.
- Additional sizes available upon request


Bellcore Specification: 7096

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8634	3/8" x 4"	250	14 & 1/2" x 8" x 5 & 1/2"	37.5 Lbs.
J8634-1/2	3/8" x 4 & 1/2"	250	14 & 1/2" x 8 & 1/4" x 5 & 3/4"	40 Lbs.
J8635	3/8" x 5"	250	12 & 3/4" x 8" x 8"	45 Lbs.
J8636	3/8" x 6"	250	10" x 11 & 1/2" x 6 & 1/4"	49 Lbs.
J8637	3/8" x 7"	150	8" x 9 & 1/2" x 5 & 1/2"	33.75 Lbs.
J8638	3/8" x 8"	150	20" x 8" x 5 & 1/4"	40.5 Lbs.
J8640	3/8" x 10"	100	8" x 12" x 5 & 1/2"	28 Lbs.
J8644-1/2	1/2" x 4 & 1/2"	100	12 & 1/2" x 8" x 5"	34 Lbs.
J8645	1/2" x 5"	100	12 & 3/4" x 8" x 5 & 1/2"	35 Lbs.
J8646	1/2" x 6"	100	12 & 1/4" x 7 & 1/2" x 5"	38 Lbs.
J8647	1/2" x 7"	100	14 & 3/4" x 8 & 3/4" x 6"	41.5 Lbs.
J8648	1/2" x 8"	100	11 & 1/2" x 10" x 7 & 1/4"	46 Lbs.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0557	3/8" x 4"	100	9" x 9" x 6"	15 Lbs.
SI-0558	3/8" x 4 & 1/2"	100	9" x 9" x 6"	16 Lbs.
SI-0560	3/8" x 5"	100	9" x 9" x 6"	17 Lbs.
SI-0566	3/8" x 6"	100	9" x 9" x 6"	20 Lbs.
SI-0568	3/8" x 8"	100	17" x 9" x 3"	26 Lbs.
SI-0572	3/8" x 12"	150	13" x 9" x 3"	51 Lbs.
SI-0624	1/2" x 5"	150	11" x 9" x 4"	49.5 Lbs.
SI-0636	5/8" x 6"	50	10" x 10" x 6"	30 Lbs.

CLEVIS BOLT

- Used to provide deadend connections to eyes or links
- Clevis end includes 1/2" diameter machine bolt with nut and a stainless steel self locking cotter pin to provide a secure vibration proof assembly
- Constructed of high quality steel, hot-dip galvanized
- Minimum tensile strength 13,500 Lbs.



PART NUMBER	SIZE	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J7810	5/8" x 10"	4"	25	42.5 Lbs.
J7812	5/8" x 12"	4"	25	47.5 Lbs.
J7814	5/8" x 14"	4"	10	20 Lbs.

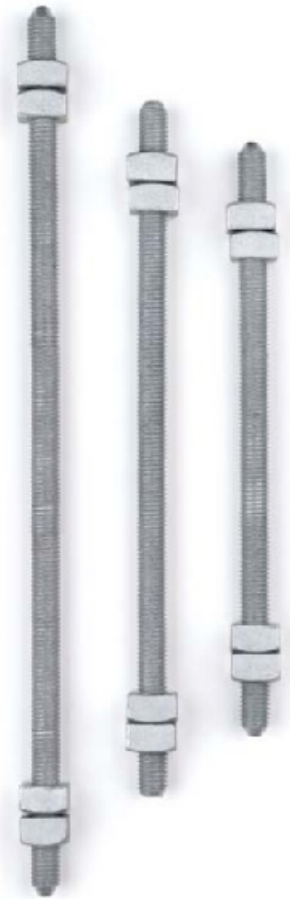
DOUBLE ARMING BOLT

- Constructed of high quality steel, hot-dip galvanized
- Cone points permit easy driving without damage to threads
- Bolts are supplied with four square nuts assembled
- Additional sizes available upon request

Bellcore Specification: 6645

5/8" DOUBLE ARMING BOLT - MINIMUM TENSILE STRENGTH 13,500 LBS.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8860	5/8" x 10"	25	11" x 5 & 1/2" x 5 & 1/2"	28.5 Lbs.
J8862	5/8" x 12"	25	13" x 5 & 1/2" x 5 & 1/2"	33 Lbs.
J8864	5/8" x 14"	20	15 & 1/4" x 5 & 3/4" x 6 & 1/4"	28.4 Lbs.
J8866	5/8" x 16"	20	17 & 1/4" x 5 & 3/4" x 6 & 1/4"	33.6 Lbs.
J8868	5/8" x 18"	15	19 & 1/4" x 5 & 3/4" x 6 & 1/4"	25.8 Lbs.
J8870	5/8" x 20"	15	21 & 1/2" x 6" x 6 & 5/8"	27.45 Lbs.
J8872	5/8" x 22"	15	23 & 3/4" x 6" x 6 & 7/8"	30 Lbs.
J8874	5/8" x 24"	15	25 & 3/4" x 6" x 6 & 7/8"	32.1 Lbs.
J8876	5/8" x 26"	20	27" x 5 & 3/4" x 5"	45.4 Lbs.
J8877	5/8" x 28"	10	29" x 5 & 1/2" x 5 & 1/2"	25 Lbs.
J8878	5/8" x 30"	10	31" x 5 & 3/4" x 5"	27 Lbs.
J8879	5/8" x 32"	20	35" x 8" x 7"	54 Lbs.
J8880	5/8" x 34"	10	-	29 Lbs.
J8881	5/8" x 36"	10	36 & 1/2" x 5" x 2"	30 Lbs.



Bellcore Specification: 6645

3/4" DOUBLE ARMING BOLT - MINIMUM TENSILE STRENGTH 20,050 LBS.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8883	3/4" x 10"	25	12 & 3/4" x 7 & 3/4" x 7 & 1/4"	42.5 Lbs.
J8882	3/4" x 12"	25	15" x 6 & 1/2" x 6"	47.75 Lbs.
J8884	3/4" x 14"	15	15 & 1/4" x 6 & 1/2" x 6"	31.5 Lbs.
J8886	3/4" x 16"	15	18 & 1/4" x 8 & 1/4" x 5 & 1/2"	34.5 Lbs.
J8888	3/4" x 18"	10	19" x 6" x 6"	25 Lbs.
J8890	3/4" x 20"	10	21" x 6" x 5"	27.2 Lbs.
J8892	3/4" x 22"	10	23" x 6" x 5"	30 Lbs.
J8894	3/4" x 24"	10	25" x 6 & 1/2" x 5"	32 Lbs.
J8896	3/4" x 26"	10	27" x 6 & 1/2" x 4 & 1/2"	34 Lbs.
J8897	3/4" x 28"	8	29" x 6" x 4 & 1/2"	30 Lbs.
J8898	3/4" x 30"	10	31" x 5" x 2 & 3/8"	37.6 Lbs.
J8899	3/4" x 32"	10	33" x 5 & 1/2" x 2 & 1/2"	40 Lbs.
J9003	3/4" x 34"	10	34 & 1/2" x 5" x 2"	43 Lbs.
J9004	3/4" x 36"	10	37" x 5 1/2" x 2 1/2"	50 Lbs.

Bellcore Specification: 6645

7/8" DOUBLE ARMING BOLT - MINIMUM TENSILE STRENGTH 27,700 LBS.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J9120	7/8" X 20"	10	21" x 5 1/4" x 5 1/4"	42 Lbs.
J9122	7/8" X 22"	10	23" x 5 1/4" x 5 1/4"	45 Lbs.
J9124	7/8" X 24"	10	25" x 5 1/4" x 5 1/4"	47 Lbs.
J9126	7/8" X 26"	5	27" x 5 1/4" x 5 1/4"	50 Lbs.
J9128	7/8" X 28"	10	29" x 5 1/4" x 5 1/4"	53 Lbs.
J9130	7/8" X 30"	5	30" x 7" x 1 1/2"	28 Lbs.
J9132	7/8" X 32"	5	32" x 7" x 1 1/2"	30 Lbs.
J9134	7/8" X 34"	5	-	32 Lbs.
J9136	7/8" X 36"	5	36" x 7" x 1 1/2"	34 Lbs.

EXTENSION BOLT

- Used for placement of second cable at the same level and on same side of pole occupied by the existing cable
- Designed to thread onto the end of suspension bolts
- External thread of 3" for easy installation of suspension clamp
- Constructed of high quality steel, hot-dip galvanized



PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-EB-625	5/8"	20	8" x 6" x 5"	23 Lbs.
SI-EB-750	3/4"	20	7 & 1/2" x 7" x 5"	30.2 Lbs.

MACHINE BOLT

- Constructed of high quality steel, hot-dip galvanized
- Cone points permit easy driving without damage to threads
- Bolts are supplied with one square nut assembled
- Additional sizes available upon request

Bellcore Specification: 6207

3/8" SQUARE HEAD MACHINE BOLT - MINIMUM TENSILE STRENGTH 4,250 LBS.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8603	3/8" x 3"	250	12" x 8" x 5 & 1/2"	32 Lbs.
J8604	3/8" x 4"	250	14 & 1/2" x 8" x 5 & 1/2"	34.5 Lbs.
J8604-1/2	3/8" x 4 & 1/2"	250	12 & 3/4" x 8" x 7 & 1/2"	41 Lbs.
J8605	3/8" x 5"	250	12 & 3/4" x 8" x 8"	41.25 Lbs.
J8606	3/8" x 6"	250	16 & 1/4" x 9" x 7"	51 Lbs.
J8608	3/8" x 8"	100	12 & 1/2" x 8" x 5 & 1/2"	27 Lbs.
J8610	3/8" x 10"	100	12 & 1/2" x 8" x 5 & 1/2"	29 Lbs.

1/2" SQUARE HEAD MACHINE BOLT - MINIMUM TENSILE STRENGTH 8,500 LBS.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8701-1/2	1/2" x 1 & 1/2"	250	12 & 1/2" x 8" x 5 & 3/4"	42.5 Lbs.
J8702	1/2" x 2"	250	14 & 1/2" x 8 & 1/2" x 6"	47.5 Lbs.
J8702-1/2	1/2" x 2 & 1/2"	150	12 & 1/2" x 8" x 5 & 3/4"	33 Lbs.
J8703	1/2" x 3"	150	12 & 1/2" x 8" x 5 & 1/2"	36.4 Lbs.
J8704	1/2" x 4"	100	12" x 8" x 7 & 1/4"	29 Lbs.
J8705	1/2" x 5"	100	12 & 1/2" x 8" x 5 & 1/2"	34 Lbs.
J8706	1/2" x 6"	100	12 & 1/4" x 7 & 1/2" x 5"	38 Lbs.
J8707	1/2" x 7"	100	14 & 3/4" x 8 & 1/4" x 5 & 1/2"	42.5 Lbs.
J8708	1/2" x 8"	100	16 & 1/4" x 9" x 7"	43 Lbs.
J8709	1/2" x 9"	50	12 & 1/2" x 8" x 9 & 1/4"	27 Lbs.
J8710	1/2" x 10"	50	12 & 1/2" x 8" x 5 & 1/2"	29 Lbs.
J8712	1/2" x 12"	50	14 & 1/2" x 8" x 5 & 1/2"	33 Lbs.
J8714	1/2" x 14"	50	16 & 1/4" x 7" x 7"	35 Lbs.
J8716	1/2" x 16"	50	18 & 1/2" x 7 & 1/2" x 7"	44.5 Lbs.



5/8" SQUARE HEAD MACHINE BOLT - MINIMUM TENSILE STRENGTH 13,550 LBS.

PART NUMBER	ALTERNATE	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8801-1/2	-	5/8" x 1 & 1/2"	150	12 & 1/2" x 8" x 5 & 1/2"	45 Lbs.
J8802	-	5/8" x 2"	100	12 & 1/2" x 8" x 5 & 1/2"	36 Lbs.
J8802-1/2	-	5/8" x 2 & 1/2"	100	12 & 1/2" x 8" x 5 & 1/2"	38 Lbs.
J8803	-	5/8" x 3"	100	12 & 1/2" x 8" x 5 & 1/2"	41 Lbs.
J8804	-	5/8" x 4"	100	12 & 3/4" x 8" x 7 & 1/2"	52 Lbs.
J8805	-	5/8" x 5"	50	12 & 1/2" x 8" x 5 & 1/2"	29 Lbs.
J8806	-	5/8" x 6"	50	12" x 8" x 5 & 1/4"	32 Lbs.
J8807	-	5/8" x 7"	50	14 & 1/2" x 8" x 5 & 3/4"	36.7 Lbs.
J8808	-	5/8" x 8"	50	12 & 1/4" x 8 & 1/2" x 7"	34 Lbs.
J8809	-	5/8" x 9"	30	12 & 1/2" x 8" x 7 & 1/2"	27 Lbs.
J8810	SI-1420	5/8" x 10"	25	12 & 3/4" x 8 & 1/4" x 7 & 1/2"	24 Lbs.
J8812	SI-1422	5/8" x 12"	25	14 & 1/2" x 8" x 7 & 1/2"	28 Lbs.
J8814	SI-1424	5/8" x 14"	25	16" x 5 & 1/2" x 5 & 1/2"	30 Lbs.
J8816	SI-1426	5/8" x 16"	20	17 & 3/4" x 6 & 3/4" x 5 & 1/2"	28 Lbs.
J8818	SI-1428	5/8" x 18"	20	20 & 1/4" x 7 & 1/4" x 5 & 1/4"	38 Lbs.
J8820	SI-1430	5/8" x 20"	25	22 & 1/2" x 8" x 5 & 1/2"	42 Lbs.
J8822	SI-1432	5/8" x 22"	25	23 & 3/4" x 6" x 6 & 7/8"	46 Lbs.
J8824	SI-1434	5/8" x 24"	25	26" x 9" x 4 & 1/2"	50 Lbs.
J8826	SI-1436	5/8" x 26"	25	31" x 7 & 1/2" x 5 & 1/2"	54 Lbs.
J8828	SI-1438	5/8" x 28"	25	30 & 3/4" x 8 & 1/2" x 5 & 1/4"	67 Lbs.
J8830	-	5/8" x 30"	25	33 & 1/2" x 7" x 5 & 1/4"	57.5 Lbs.


3/4" SQUARE HEAD MACHINE BOLT - MINIMUM TENSILE STRENGTH 20,050 LBS.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8902	3/4" x 2"	100	14 & 1/2" x 8" x 5 & 1/2"	53 Lbs.
J8903	3/4" x 4"	50	12 & 1/2" x 8" x 6 & 1/4"	34.5 Lbs.
J8906	3/4" x 6"	50	15" x 9" x 7"	48 Lbs.
J8908	3/4" x 8"	25	14 & 1/2" x 8" x 7 & 1/2"	28.5 Lbs.
J8910	3/4" x 10"	25	12 & 1/2" x 8" x 5 & 1/2"	36 Lbs.
J8912	3/4" x 12"	20	14 & 3/4" x 8 & 1/4" x 5 & 1/2"	33 Lbs.
J8914	3/4" x 14"	20	16 & 1/4" x 7 & 3/4" x 7"	37 Lbs.
J8916	3/4" x 16"	25	18 & 3/4" x 8 & 1/4" x 6 & 1/4"	49.25 Lbs.
J8918	3/4" x 18"	25	20 & 1/4" x 7 & 1/4" x 5 & 1/4"	54.5 Lbs.
J8920	3/4" x 20"	25	22 & 1/2" x 8" x 5 & 1/2"	62 Lbs.
J8922	3/4" x 22"	20	24" x 8 & 1/2" x 5"	54 Lbs.
J8924	3/4" x 24"	15	26" x 7 & 1/2" x 4 & 1/2"	43.95 Lbs.
J8926	3/4" x 26"	20	31" x 8" x 5 & 1/2"	63 Lbs.
J8928	3/4" x 28"	20	30 & 1/2" x 8 & 1/2" x 5"	66 Lbs.

7/8" SQUARE HEAD MACHINE BOLT - MINIMUM TENSILE STRENGTH 27,700 LBS.

PART NUMBER	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J9062	7/8" x 12"	25	16 & 1/2" x 8" x 5 & 1/4"	60 Lbs.
J9064	7/8" x 14"	20	19" x 6 & 1/2" x 6 & 3/4"	54 Lbs.
J9066	7/8" x 16"	10	20" x 8" x 4 & 1/2"	31 Lbs.
J9068	7/8" x 18"	10	20 & 1/4" x 7 & 1/4" x 7 & 1/4"	34 Lbs.
J9070	7/8" x 20"	10	22 & 1/2" x 8" x 5"	36 Lbs.
J9072	7/8" x 22"	10	25 & 1/2" x 7 & 1/2" x 4 & 1/2"	36.3 Lbs.
J9074	7/8" x 24"	10	26" x 7 & 3/4" x 4 & 1/2"	41 Lbs.
J9076	7/8" x 26"	10	27 & 1/2" x 6" x 4 & 1/4"	45 Lbs.

OVAL EYEBOLT

- Commonly used as an attachment point to secure thimbles, clevises, links and deadend insulators
- Forged, one-piece design
- Supplied assembled with square nut
- Eye I.D. - 1 1/2" width x 2" length
- Constructed of high quality steel, hot-dip galvanized

5/8" OVAL EYEBOLT - MINIMUM TENSILE STRENGTH 13,550 LBS.

PART NUMBER	BOLT LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J9406	6"	4"	25	28 Lbs.
J9408	8"	4"	25	30 Lbs.
J9409	9"	4"	25	33 Lbs.
J9410	10"	6"	25	33.75 Lbs.
J9412	12"	6"	20	30 Lbs.
J9414	14"	6"	20	33 Lbs.
J9416	16"	6"	25	47 Lbs.
J9418	18"	6"	15	30 Lbs.
J9420	20"	6"	15	32 Lbs.

3/4" OVAL EYEBOLT - MINIMUM TENSILE STRENGTH 20,050 LBS.

PART NUMBER	BOLT LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J9508	8"	4"	20	34 Lbs.
J9510	10"	6"	15	29 Lbs.
J9512	12"	6"	15	33 Lbs.
J9514	14"	6"	15	35 Lbs.
J9516	16"	6"	10	26 Lbs.
J9518	18"	6"	10	28 Lbs.



SHOULDER EYEBOLT

- Used to attach suspension and dead-end insulators, clevises, links and other hardware to poles and crossarms
- Integral collar provides a broad bearing surface to resist elongation of the bolt hole in wood poles and crossarms
- 3/4" diameter, forged, one-piece design
- Supplied assembled with square nut
- Ultimate Tensile Strength: 20,050 Lbs.
- Constructed of high quality steel, hot-dip galvanized



PART NUMBER	BOLT LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J9528	8"	4"	15	29 Lbs.
J9530	10"	6"	20	42 Lbs.
J9532	12"	6"	15	35 Lbs.
J9534	14"	6"	10	25 Lbs.
J9536	16"	6"	10	27 Lbs.
J9538	18"	6"	10	30 Lbs.
J9540	20"	6"	10	32 Lbs.

SPOOL BOLT

- Used for side-of-pole installation when supporting neutral conductors and secondary service wires
- Forged with either a single or double integral washer upset at insulator end
- Double upset provide 1 & 5/8" clearance between insulator and pole
- Spool bolts have 5/8" rolled threads
- Supplied with all associated hardware as shown
- J0101, J101 or J151 insulator must be ordered separately
- Constructed of high quality steel, hot-dip galvanized
- U.S. made versions available

**SINGLE UPSET SPOOL BOLT - MINIMUM TENSILE STRENGTH 13,550 LBS.**

PART NUMBER	SHANK LENGTH	OVERALL LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J2343-1/2	9"	13 & 1/2"	4"	25	37 Lbs.
J2344-1/2	10"	14 & 1/2"	4"	20	29 Lbs.
J2346-1/2	12"	16 & 1/2"	6"	20	31 Lbs.
J2348-1/2	14"	18 & 1/2"	6"	15	25.5 Lbs.

THIMBLE EYE® BOLT

- Thimble Eye® bolts eliminate the need for thimbles, shackles, links and guy hooks
- The broad radius of the eye provides an excellent attachment point to deadend or guy messenger wire, guy strand or formed wire grips
- Forged in two styles: Straight and at 45° angle
- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 7081

STRAIGHT STYLE 5/8" THIMBLE EYE® BOLTS - MIN. TENSILE STRENGTH 13,550 LBS.

PART NUMBER	BOLT LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J8051	10"	4"	25	34 Lbs.
J8052	12"	6"	20	29 Lbs.
J8053	14"	6"	20	32 Lbs.
J8054	16"	6"	25	42.25 Lbs.
J8055	18"	6"	25	46.5 Lbs.

STRAIGHT STYLE 3/4" THIMBLE EYE® BOLTS - MIN. TENSILE STRENGTH 20,050 LBS.

PART NUMBER	BOLT LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J8062	12"	6"	15	31 Lbs.
J8063	14"	6"	25	57 Lbs.

45° ANGLE STYLE 5/8" THIMBLE EYE® BOLTS - MIN. TENSILE STRENGTH 13,550 LBS.

PART NUMBER	BOLT LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J8151	10"	4"	20	29 Lbs.
J8152	12"	6"	20	30 Lbs.
J8153	14"	6"	20	34 Lbs.
J8154	16"	6"	15	27 Lbs.

45° ANGLE STYLE 3/4" THIMBLE EYE® BOLTS - MIN. TENSILE STRENGTH 20,050 LBS.

PART NUMBER	BOLT LENGTH	THREAD LENGTH	CARTON QTY	CARTON WEIGHT
J8161	10"	4"	15	29 Lbs.
J8162	12"	6"	15	32 Lbs.
J8163	14"	6"	15	35 Lbs.



BRACES

ALLEY ARM BRACE

- Alley arms, crossarms mounted to one side of the pole, require rigid bracing to insure proper alignment of power distribution and transmission lines
- Mount at 45° angle
- Include welded lineman step
- Mount to alley arm using a machine bolt and attach to pole using (2) 1/2" lag screws through 9/16" holes
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	MTG HOLE	ANGLE SIZE	OVERALL LENGTH	CARTON QTY	CARTON WEIGHT
J1522	9/16"	1 & 3/4" x 1 & 3/4" x 3/16"	5'	1	12 Lbs.
J1525	11/16"	1 & 3/4" x 1 & 3/4" x 3/16"	7'	5	85 Lbs.



CROSSARM BRACE

- Flat crossarm braces, used in pairs, are an inexpensive means of aligning and supporting crossarms
- Mounting hole diameters are 7/16" for 3/8" crossarm mounting bolts and 9/16" for pole mounting with 1/2" lag screw or through bolt
- Hole centers are 1" from brace ends - which are rounded for safety
- Constructed of 1 1/4" x 1/4" high quality steel, hot-dip galvanized

PART NUMBER	OVERALL LENGTH	CARTON QTY	CARTON WEIGHT
J7128	28"	10	25 Lbs.
J7132	32"	10	25.8 Lbs.
J7136	36"	10	34 Lbs.



BRACKETS

CABLE EXTENSION ARM

- Supports a telephone cable at a distance from the pole
- Constructed of high quality steel, hot-dip galvanized
- Mounts to a pole using two 5/8" bolts

PART NUMBER	VERTICAL HOLE TO HOLE	HORIZONTAL DISTANCE	CARTON QTY	CARTON WEIGHT	MAXIMUM LOAD
SF-CEA387B1	21"	40 & 1/4"	10	705 Lbs.	3500 Lbs.
SF-CEA387C1	14"	20 & 1/4"	20	610 Lbs.	3500 Lbs.



SF-CEA387B1



SF-CEA387C1

CABLE EXTENSION BRACKET

- Supports a telephone cable at a distance from the pole
- Messenger cable is held by a standard SI-1740/J1096 suspension clamp bolted against the underside of the two angles by a 5/8" machine bolt which is fitted between the legs of the two angles and can be adjusted for proper extension from the pole
- Mounts to pole with a 5/8" or 3/4" machine bolt at upper position and two 1/2" lag screw bolts at the lower end of the tee support
- All mounting bolts, lag screws and suspension clamps must be ordered separately
- Constructed of high quality steel, hot-dip galvanized
- U.S. made versions available



Bellcore Specification: 6398

PART NUMBER	ANGLE SIZE	EXTENSIONS FROM CENTER OF POLE	CARTON QTY	CARTON WEIGHT
J7920	3" x 2 & 1/2" x 5/16"	17 & 1/2" - 26"	1	30 Lbs.
J7921	3 & 1/2" x 2 & 1/2" x 5/16"	26 & 1/2" - 44 & 1/2"	1	54 Lbs.

CONDUIT MOUNTING STANDOFF BRACKET

- SI-6CSO
 - Lightweight non-corrosive aluminum material
 - 6" standoff distance
 - Keyway for 5/8" thru bolt and bottom hole for 1/2" lag screw
 - Can be banded to the pole with a single 1.25" banding or dual slots for .75" banding
 - 4-way T-slot extrusion (option) allows for maximum installation versatility
 - Optional conduit straps
- CRB396
 - Constructed of ductile iron, hot dip galvanized
 - Mounts to pole with 5/8" machine bolt
 - Conduit is secured to bracket by banding to post on bracket



CRB396

PART NUMBER	MOUNTING HOLE DIAMETER	WIDTH	CARTON QTY	CARTON WEIGHT
CRB396	1 1/16	10 & 1/2	10	22.2 Lbs.

CONDUIT BRACKET ASSEMBLY

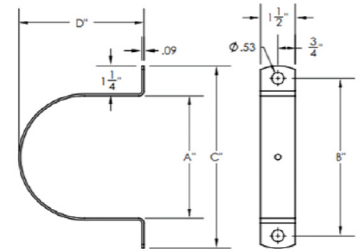
PART NUMBER	STAND OFF	T-SLOT PROFILE	T-SLOT LENGTH
SI-6CSO	6	-	-
SI-6CSO-12-4WT	6	4 way	12
SI-6CSO-18-4WT	6	4 way	18
SI-6CSO-24-4WT	6	4 way	24
SI-6CSO-30-4WT	6	4 way	30
SI-6CSO-36-4WT	6	4 way	36
SI-6CSO-6-4WT	6	4 way	6



SI-6CSO

CONDUIT STRAPS

PART NUMBER	CONDUIT SIZE	DESCRIPTION	A (IN.)	B (IN.)	C (IN.)	D (IN.)
MSTK-2	2"	with hardware	2.38	3.97	5.09	2.25
MSTK-2.5	2.5"	with hardware	2.88	4.47	5.59	2.75
MSTK-3	3"	with hardware	3.5	5.09	6.22	3.38
MSTK-3.5	3.5"	with hardware	4	5.59	6.72	3.88
MSTK-4	4"	with hardware	4.5	6.09	7.22	4.38
MSTK-5	5"	with hardware	5.56	7.16	8.28	5.44
MSTK-6	6"	with hardware	6.63	8.22	9.34	6.5



Note: Hardware includes bolts, nuts & lock washers

DEADEND BRACKET

- Roller assemblies on each side used
- For use with 12" diameter pole
- Constructed of high quality steel, hot-dip galvanized
- forms or Standvise on opposing sides of the pole

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
SF-YDB	40 & 3/4"	2	44 Lbs.


EXTENSION BRACKET

- Constructed of high quality steel, hot-dip galvanized
- For use with wood poles
- Rugged and reliable
- Mount bracket assembly to pole with a 5/8" bolt through center top hole
- Easy to install

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-7034	10	14" x 14" x 8"	45 Lbs.


EXTENSION BRACKET/MACHINE BOLT ASSEMBLY

- Combines SI-7034 bracket and SI-1406, 5/8" x 3" machine bolt in a package
- Mount bracket assembly to pole with a 5/8" bolt through center top hole
- For use with wood poles

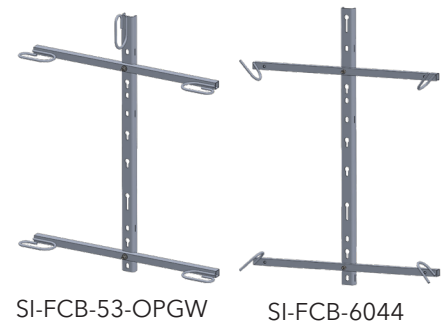
PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-7034MB	10	14" x 14" x 8"	49.1 Lbs.



FIBER COIL BRACKET

- Bracket
 - Aluminum spine and cross members with galvanized fasteners
 - Aluminum attachment hooks are welded to the cross members
 - Ships unassembled as three pieces for easier handling and reduced freight costs
 - Hardware to attach bracket to the pole is not included
- V-Bracket (SI-FCB-ENC)
 - Optional aluminum bracket allows for attachment of splice enclosure to the FCB bracket

PART NUMBER	COIL DIAMETER	NUMBER OF HOOKS
SI-FCB-53-OPGW	53" or larger	5
SI-FCB-6044	50" or larger	4
SI-FCB-S	-	2
SI-FCB-4830	32" - 40"	4



SI-FCB-53-OPGW

SI-FCB-6044



SI-FCB-S



SI-FCB-4830

MESSENGER EXTENSION

- Provides a 12" clearance from the pole and is fastened with two 5/8" mounting bolts on 8" centers
- Constructed of ductile iron, hot-dip galvanized
- Clamp plates are reversible to accept a wide range of messenger brackets, 1/4" to 5/8"
- U.S. made version available

PART NUMBER	CARTON QTY	CARTON WEIGHT
SCB-12-5	6	54.96 Lbs.


FIBER OPTIC ANGLED BRACKET

- Accepts 5/8" mounting hardware
- Base: Ductile iron
- End fitting has 5/8" x 2" stud
- End Fitting: hot-dip galvanized
- Cleats to prevent bracket rotation on wood poles
- Rod: Fiberglass gray ultraviolet (UV) protective coating
- Constructed of:

PART NUMBER	EXTENSION FROM POLE	ARM DIAMETER	MIN. F1 VERT.	ULTIMATE F2 LONG	LOAD F3 TRANS	CARTON QTY	CARTON WEIGHT
G1MDA112DF	12"	1 & 1/2"	1850 Lbs.	1600 Lbs.	1500 Lbs.	5	31.4 Lbs.
G1MDA115DF	15"	1 & 1/2"	1500 Lbs.	1300 Lbs.	1500 Lbs.	5	33.35 Lbs.
G1MDA118DF	18"	1 & 1/2"	1200 Lbs.	1200 Lbs.	1500 Lbs.	5	35.5 Lbs.
G1MDA121DF	21"	1 & 1/2"	1050 Lbs.	1050 Lbs.	1500 Lbs.	5	37.5 Lbs.
G1MDA124DF	24"	1 & 1/2"	950 Lbs.	950 Lbs.	1500 Lbs.	4	31.84 Lbs.
G1MDA130DF	30"	1 & 1/2"	750 Lbs.	750 Lbs.	1500 Lbs.	10	90.4 Lbs.
G1MDA136DF	36"	1 & 1/2"	600 Lbs.	550 Lbs.	1500 Lbs.	10	99 Lbs.



FIBER OPTIC BRACKET COLLAR

- Constructed of Aluminum A356-T6
- 11/16" diameter mounting hole
- ASFO attachment flange parallel orientation to fiberglass rod; ASFOX attachment flange perpendicular orientation to fiberglass rod

PART NUMBER	BRACKET ANGLE	INSIDE DIAMETER	CARTON QTY	CARTON WEIGHT
ASFO	0° or 15°	1 & 1/2"	20	14 Lbs.
ASFOX	0° or 15°	1 & 1/2"	20	14 Lbs.


MESSENGER HANGER BRACKET

- Hot formed from 1/2" x 2" high quality steel, hot-dip galvanized
- Specially curved groove which permits its use on corners as well as on straight runs
- Two 1/2" high carbon steel track bolts clamp the strand
- Mounting holes are 9/16" and 11/16" in diameter for a 1/2" lag screw and 5/8" through bolt
- U.S. made version available

PART NUMBER	MESSENGER DIAMETER RANGE	CARTON QTY	CARTON WEIGHT
J1070	1/4" - 3/8"	20	65 Lbs.


ENCLOSURE BRACKET

- Used to easily secure aerial splice cases to strand
- SI-ENC-450 kit includes:
 - (2) Brackets, (2) fittings, (2) lashing straps, (2) quick release hose clamp straps
- SI-ENC-UNV kit includes:
 - (2) Brackets with safety hook, (2) fittings, (2) lashing straps, (2) quick release hose clamp straps, (2) 4.5" - 6" adapter boot, (2) 8" - 10" adapter boot
- D lashing clamps allow for attachment to strand sizes ranging from 1/4" - 3/8"
- Brackets formed from high quality steel, mechanically galvanized per ASTM B695 specifications

PART NUMBER	SPLICE ENCLOSURE DIAMETER	LASHING CLAMP BOLT SIZE	SAFETY HOOK
SI-ENC-450	4.5"	1/4	No
SI-ENC-UNV	4.5", 6", 8", 10"	3/8	Yes



POLE BRACE CONNECTOR BRACKET

- Permits an attachment angle from 0° to 90° with the pole
- The pole contacting surface is curved with integral teeth for maximum stability and distribution of the load
- USA- series has one center pole mounting hole in each bracket section
- PAX- series has three mounting holes in each bracket section for flexibility of normal or heavy duty bracing applications
- PAX- series center pole mounting hole is used for normal loads, the two outerholes are used for heavy loads
- Distance from center hole to slot is 3"
- Constructed of ductile iron, hot-dip galvanized



PART NUMBER	POLE RANGE	BRACKET WIDTH	BRACKET LENGTH	HINGE BOLT DIAMETER	MOUNTING BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
USA-5634-5	4 & 1/2" - 7"	3 & 1/2"	5 & 3/4"	5/8"	5/8"	8	49 Lbs.
USA-5634-6	4 & 1/2" - 7"	3 & 1/2"	5 & 3/4"	5/8"	3/4"	8	48 Lbs.
PAX138	6" - 11"	4"	8"	3/4"	3/4"	2	24.5 Lbs.

SERVICE MAST BRACKET

- Used with service wedge clamps to attach the neutral wire of a drop cable to the service mast
- The bracket is attached to pipe service masts to provide a secure attachment point for service drop wires
- The center of the front strap is formed in a generous radius to prevent damaging the bail of service wedge clamps.
- Incorporates a specially designed slot on one end of the front strap to permit installation of the bracket without removing the bolt; the special slot feature captures the carriage bolt shoulder to prevent it from turning or slipping out after installation
- Constructed of high quality steel, hot-dip galvanized



PART NUMBER	PIPE DIAMETER RANGE	CARTON QTY	CARTON WEIGHT
J0590	1 & 1/4" - 3"	30	30 Lbs.
SMB40	2" - 4"	25	26 Lbs.

TAP BRACKET

- Provides a means to secure a tap to messenger strand
- Formed from premium-grade aluminum or high quality steel, hot-dip galvanized
- Allows electronic device to be mounted 3" to 9", or 2" to 4" from strand

PART NUMBER	TYPE	SIZE	JAWS STRAND RANGE	CARTON QTY	CARTON WEIGHT
SI-TAP-250	Single	2 & 1/2"	1/4" to 3/8" dia.	50	9.8 Lbs.
SI-TAP-900	Adjustable	3 - 9"	1/4" to 3/8" dia.	50	11.85 Lbs.
SI-TAP-250G	Single	2 & 1/2"	1/4" to 3/8" dia.	50	17.3 Lbs.



CLAMPS

AERIAL CABLE, MESSENGER

- Hook for supporting messenger during stringing operation
- Body tapped for 5/8" diameter bolt
- Independent clamping - messenger remains clamped if pole shrinkage occurs
- Teeth on legs to resist movement
- Constructed of Aluminum alloy

PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
MBA-72	5/8"	0.12" - 0.25"	0.25" - 0.72"	50	36 Lbs.

**AERIAL CABLE, MESSENGER**

- Curved groove for more cable support
- Lip on bottom groove kicks upward to support cable during installation
- Hook to support cable during stringing operation
- Independent clamping - messenger remains clamped if pole shrinkage occurs
- Provides 1 & 1/2" pole clearance
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
MBC-75	5/8"	-	0.35" - 0.75"	35	59 Lbs.
MB-62	5/8"	0.16" - 0.25"	0.25" - 0.61"	25	41 Lbs.

**AERIAL CABLE, MESSENGER**

- Curved messenger groove for better support
- Body tapped for 5/8" - 11 UNC through bolt
- Hook for supporting messenger during stringing operation
- Messenger groove lip kicks upward to support cable during installation
- Independent clamping - messenger remains tight if pole shrinkage occurs
- Constructed of Aluminum alloy

PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
MBCA-72-4	5/8"	0.16" - 0.25"	0.25" - 0.72"	15	29 Lbs.

**AERIAL CABLE, MESSENGER**

- May be used to support fiber optic cable
- Can be mounted on round or flat surfaces, on a pole, or on a standoff bracket
- Clamping range 0.398" - 0.56"
- Mounting hole is 1 & 1/16"
- Constructed of:
 - Body and keeper: Aluminum alloy
 - Hardware: High quality steel, hot-dip galvanized

PART NUMBER	CARTON QTY	CARTON WEIGHT
MSBC-56	25	32 Lbs.



AERIAL CABLE, MESSENGER

- Small economical clamp for light duty construction
- A stringing finger is included on the clamping plate
- The back of the clamp body is recessed to fit over nut
- A second nut secures the clamp plate and assures positive, independent clamping action regardless of wood shrinkage
- Constructed of ductile iron, hot-dip galvanized



PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
PA166A	5/8"	0.162" - 0.257"	0.162" - 0.257"	50	24.1 Lbs.

AERIAL CABLE, MESSENGER

- For attaching medium to heavy duty cable on both angle and tangent construction
- Two separate 5/8" x 2 & 1/2" clamping plate bolts allow clamping action to be independent of wood shrinkage
- Constructed of ductile iron, hot-dip galvanized



PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
PA175C	3/4"	2"	0.43" - 0.63"	7	42 Lbs.

AERIAL CABLE, MESSENGER

- Nut Retainer - cast in body of clamp permits independent mounting of body; also permits through bolt to act as an extra independent clamping bolt
- Belled Groove Ends - allow better angle, as well as tangent installations
- Spurs - provide better stability
- Independent Clamping - not affected by pole shrinkage
- Provides 3" pole clearance
- Constructed of ductile iron, hot-dip galvanized



PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
MBXH-82	3/4"	0.125" - 0.184"	3/8" - 3/4"	7	54.53 Lbs.

AERIAL CABLE, MESSENGER

- This messenger aerial cable clamp is designed for attaching medium size cable and triplex to a pole
- 6" long curved clamping groove to conform to sag of span
- Generously belled groove ends for angles
- Teeth on feet resist down slotting
- Smooth area for stringing operation
- Special nut retaining feature around body mounting bolt hole
- Provides 2 & 1/4" pole clearance
- Constructed of ductile iron, hot-dip galvanized



PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CLAMP BOLT	CARTON QTY	CARTON WEIGHT
PA192A	5/8"	0.125" - 0.184"	0.310" - 0.500"	(2)1/2" x 2"	10	53.8 Lbs.

AERIAL CABLE, MESSENGER

- Accommodates inside or outside angles from 10° to 35°
- Accommodates 0.25" - 0.50" bare messenger or 0.25" insulated messenger
- Clamp groove ends are generously rounded to prevent damage to bare or insulated messenger
- The inner pole side clamp section is tapped to accept a 5/8" diameter bolt and includes a curved surface with spurs to penetrate into the pole and provide a stable installation.
- The design provides a 1 & 5/8" clearance from the surface of the pole to the cable and 3 3/4" clamping surface length with a back base height of 3 & 1/4"
- Constructed of ductile iron, hot-dip galvanized



PART NUMBER	CARTON QTY	CARTON WEIGHT
PA288	25	35 Lbs.

AERIAL CABLE, MESSENGER

- Hook to support cable during stringing operation
- Independent clamping - messenger remains clamped if pole shrinkage occurs
- Provides 1 & 1/2" pole clearance
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	MOUNTING BOLT	GROUND WIRE RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
SB32/42	5/8"	0.16" - 0.37"	0.25" - 0.56"	25	32.5 Lbs.


AERIAL CABLE, MESSENGER, CORNER ATTACHMENT

- Corner attachment clamps are used for angles of 35° to 60°
- Accommodates 5/8" diameter pole mounting bolt
- The inner pole mounting surface is curved with integral spurs for contact stability with the pole
- The integral thimble eyes will accept deadending devices up to 1/2" diameter
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	EYE CENTER SPACING	CLAMP LENGTH	CARTON QTY	CARTON WEIGHT
P294	2 & 1/2"	6"	20	41.2 Lbs.


AERIAL CABLE, MESSENGER, MID SPAN

- MSD-4 has a "swing away" keeper for easy installation
- Constructed of:
 - Body and keeper: Aluminum alloy
 - Hardware: High quality steel, hot-dip galvanized

PART NUMBER	MOUNTING BOLTS	CABLE DIAMETER	CARTON QTY	CARTON WEIGHT
MSD-4	3/8"	0.23" - 0.42"	50	28 Lbs.
MS-6	3/8"	0.39" - 0.57"	100	44 Lbs.



AERIAL CABLE, MESSENGER WITH HOOK

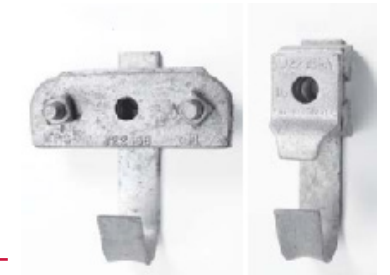
- These clamps are used for tangent construction or angles to 10°
- Hook serves as a safety device and can be used in stringing the cable
- Accommodates 5/8" pole mounting bolt
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	CLAMP GRIPPING RANGE	MESSENGER RANGE	CARTON QTY	CARTON WEIGHT
PA292X	1 & 3/4"	0.250" insulated	25	15.25 Lbs.
PA296X	3 & 3/4"	0.109" - 0.134" bare or insulated	25	35 Lbs.


AERIAL CABLE, MESSENGER WITH HOOK

- For tangent or angles to 10°
- Accommodates 1/4" insulated messenger
- Independent clamping - remains tight if pole shrinkage occurs
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	CLAMP GRIPPING RANGE	CARTON QTY	CARTON WEIGHT
J2235	1 & 7/8"	25	41.25 Lbs.
J2245	3 & 1/4"	10	28.4 Lbs.


AUXILIARY ANCHOR EYE

- Permits an efficient method of adding an eye to an existing anchor rod for attaching an additional guy wire
- Rating: 18,000 Lbs.
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	THIMBLE DIAMETER	ANCHOR ROD DIAMETER RANGE	MAX STRAND	CARTON QTY	CARTON WEIGHT
AE155	1 & 1/2"	5/8" - 3/4"	1/2"	25	64.75 Lbs.
AE155A	1 & 1/2"	3/4" - 1"	1/2"	20	62 Lbs.
AE155B	1 & 1/8"	1 & 1/4"	9/16"	10	30.3 Lbs.



CABLE SUSPENSION CLAMP

- Used with through bolts to serve as a clamping member
- Securely grips messenger strand to the pole
- A nut and square washer are used between the clamp and pole to provide proper spacing
- One bolt clamp consists of the clamping members only - Used with 5/8" through bolt to tighten the clamp on the wire as well as to the pole
- Three bolt clamps are used with a 5/8" through bolt
- Firmly grip 1/4" (6.6M) to 7/16" (16M) diameter messenger strand
- J25088.1 keeper plate is flat
- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 8623



SI-1740



J1095

PART NUMBER	ALTERNATIVE	NUMBER OF BOLTS	CLAMP BOLT DIAMETER	CLAMP LENGTH	MTG. HOLE DIAMETER	CARTON QTY	CARTON WEIGHT
J1095	-	1	-	2 & 1/2"	11/16"	50	30 Lbs.
J25088.1	-	3	1/2"	5 & 3/4"	11/16" x 15/16"	25	54 Lbs.
SI-1740	J1096	3	1/2"	5 & 3/4"	11/16" x 15/16"	25	42.325 Lbs.

CABLE SUSPENSION CLAMP

- Incorporates serpentine grooves in the two mating clamp sections to provide superior holding strength of insulated messenger wire
- Can be used for tangent construction or angles to 30°
- Designed for use with 0.25" insulated figure 8 messenger or 0.25" bare messenger wire
- Clamps are supplied with two track bolt assemblies and a center mounting hole
- Constructed of ductile iron, hot-dip galvanized

Bellcore Specification: 8621



PART NUMBER	CLAMP BOLT DIAMETER	CLAMP LENGTH	MTG. HOLE DIAMETER	CARTON QTY	CARTON WEIGHT
PA422	5/8"	6"	11/16" x 15/16"	20	50 Lbs.

CABLE SUSPENSION CLAMP - CURVED

- Angle suspension clamps have curved ends to prevent damage to the messenger strand when turning small angles
- Used with through bolts to serve as a clamping member
- Securely grips messenger strand to the pole
- A nut and square washer are used between the clamp and pole to provide proper spacing
- Firmly grip 1/4" (6.6M) to 7/16" (16M) diameter messenger strand
- They are furnished with two track bolts and a center mounting hole
- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 8625



SI-1750A

SI-1755

PART NUMBER	ALTERNATIVE	CLAMP BOLT DIA.	CLAMP LENGTH	CLAMPING WIDTH	MTG. HOLE DIAMETER	CARTON QTY	CARTON WEIGHT
J7901	-	1/2"	5 & 3/4"	1 & 11/16"	13/16"	25	48 Lbs.
SI-1755	J7901A	1/2"	7"	1 & 11/16"	11/16"	25	53 Lbs.
SI-1750A	J7902B	5/8"	7"	2 & 3/16"	13/16"	10	36 Lbs.

CROSSOVER CLAMP

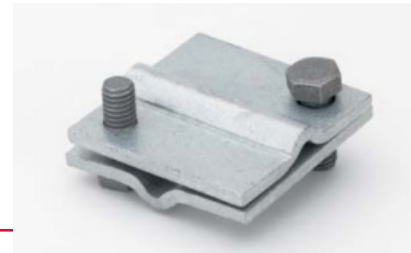
- Used to clamp on two messengers where they cross at right angles to prevent wear and abrasion
- The clamp sections are 1 & 1/2" wide and 3 & 1/4" long
- Two 1/2" diameter bolts have oval shoulders to prevent turning when tightening
- Constructed of ductile iron, hot-dip galvanized
- U.S. made version available



PART NUMBER	STRAND DIAMETER RANGE	CARTON QTY	CARTON WEIGHT
J7930	1/4" - 3/8"	25	35.5 Lbs.

CROSSOVER CLAMP

- Used to clamp intersecting 1/4" strand runs
- Positive clamping action prevents slippage and abrasion
- Constructed of high quality steel, mechanically plated components

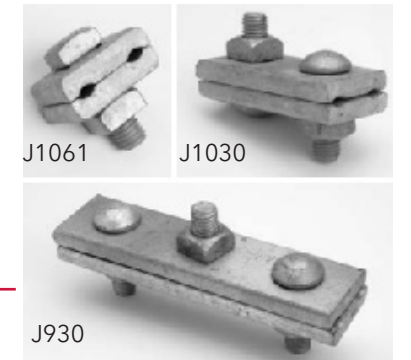


PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-1756	50	9" x 7" x 6"	34 Lbs.

GUY CLAMP

- Rolled from carbon steel with straight parallel grooves that will not damage guy strand
- The clamping bolts have special shoulders to prevent turning when the nuts are tightened
- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 8624



PART NUMBER	NUMBER OF BOLTS	CLAMP BOLT DIA.	CLAMP LENGTH	CLAMPING WIDTH	STRAND DIAMETER	CARTON QTY	CARTON WEIGHT
J1061	1	1/2"	1 & 1/2"	1 & 9/16"	3/16" - 3/8"	50	28 Lbs.
J1030	2	1/2"	3 & 3/8"	1 & 9/16"	3/16" - 3/8"	25	31 Lbs.
J929	3	1/2"	4"	1 & 9/16"	3/16" - 7/16"	25	40 Lbs.
J930	3	1/2"	6"	1 & 9/16"	3/16" - 7/16"	20	44 Lbs.
J931	3	5/8"	6"	1 & 21/32"	5/16" - 1/2"	20	52.4 Lbs.

D CABLE LASHING WIRE CLAMP

Bellcore Specification: 7886

- Accepts 1/4" (6.6M) to 7/16" (16M) messenger strand
- Designed for easy and permanent termination of lashing wire to messenger strand
- Constructed of high quality steel, mechanically plated



PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2175	400	2 & 1/4" x 2 & 3/4" x 2 & 3/4"	56.4 Lbs.

LASHING WIRE CLAMP

- Accepts 1/4" (6.6M) messenger strand
- Designed for easy and permanent termination of lashing wire to messenger strand
- Constructed of high quality steel, mechanically plated

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2176	100	9" x 5 & 1/2" x 5"	15 Lbs.
SI-2176T	100	14" x 5" x 6"	15 Lbs.

SI-2176



SI-2176T

**STATIC WIRE / BAYONET CLAMP**

- Used to secure 1/4" to 7/16" static wire to bayonet assemblies and steel tower members
- Consists of two 2 & 1/2" long rolled steel clamp sections with the groove ends belled out to prevent damage to the wire and one 1/2" x 2 & 1/2" machine bolt for mounting
- Accommodates 1/4" - 7/16" wire range
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	CARTON QTY	CARTON WEIGHT
J5455	50	43 Lbs.

**SUPPORT TYPE B EXTENSION CLAMP**

- Designed to facilitate adding an additional cable to the opposite side of the pole
- Installed by loosening the existing 5/8" diameter machine bolt and slipping the clamp support over the head of the bolt
- 5/8 x 2 & 1/4" machine bolt and nut are included to secure a suspension clamp
- For small inside angles, a 1/2" lag screw may be installed in the base for increased stability
- Constructed of:
 - Body: ductile iron, hot-dip galvanized
 - Hardware: high quality steel, hot-dip galvanized

PART NUMBER	CARTON QTY	CARTON WEIGHT
PA158	25	45 Lbs.



CLEVISES

INSULATED SECONDARY & DEADEND CLEVIS

- Clevis mounting holes are for 5/8" bolts
- Mounting holes are slotted to permit installation without removing insulators
- Insulators must be ordered separately
- Constructed of 1 & 1/2" x 3/16" high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J0313	4 & 3/16"	2 & 3/8"	1/2"	50	54 Lbs.
J0342	5"	3 & 3/8"	5/8"	20	30 Lbs.



J0313



J0342

INSULATED SECONDARY & DEADEND CLEVIS

- Designed to develop high strength on deadends or line pulls
- Clevis mounting holes are for 5/8" bolts
- Mounting holes are slotted to permit installation without removing insulators
- Includes mounting slot for one 5/8" machine bolt and two staggered side holes for 1/2" lag screws
- Used with either the J151 or J0101 spool insulator, ordered separately
- Constructed of 4 & 3/4" x 11 Ga. high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J1300	4"	3 & 1/4"	5/8"	25	48.75 Lbs.



J1300

INSULATED SECONDARY & DEADEND CLEVIS

- Clevis mounting holes are for 5/8" bolts
- Mounting holes are slotted to permit installation without removing insulators
- Used with the J151 spool insulator, ordered separately
- Constructed of 12 Ga. high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J251	2 & 1/2"	3 & 3/8"	5/8"	25	42 Lbs.



J251

INSULATED SECONDARY & DEADEND CLEVIS

- The J250 has two sharp projections in the back to prevent it from twisting
- J250 insulator bolt contained by metal tab
- J250 constructed of 11 Ga. high quality steel, hot-dip galvanized
- J1398 & J1399 constructed of 3" x 3/16" high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J250	3"	3 & 1/8"	5/8"	25	35 Lbs.
J1398	3 & 1/2"	3 & 1/4"	5/8"	25	55 Lbs.
J1399	4"	3 & 1/4"	5/8"	25	62.125 Lbs.



J250



J1398

INSULATED SECONDARY & DEADEND CLEVIS

- The J252 and J255 Secondary Pulley Brackets are designed for use both as stringing pulleys and as secondary clevises, making them especially useful for stringing and sagging conductors
- The conductor is strung and sagged with the bracket in the pulley position where it cannot bind.
- The 908 slot in the base makes it possible to rotate the bracket into the clevis position before or after the conductor is tied to the spool
- J252 light-type has a metal tab which contains the insulator bolt
- The cotter bolt of the J255 heavy duty-type threads into the bottom of the clevis, locking the special Twist-Lock head into a groove in the clevis top, eliminating the need for a cotter pin
- J252 constructed of 11 Ga. high quality steel, hot-dip galvanized
- J255 constructed of 3" x 3/16" high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J252	3 & 1/16"	3 & 1/8"	5/8"	25	33 Lbs.
J255	4"	3 & 1/4"	5/8"	20	49 Lbs.



J252



J255

INSULATED SECONDARY & DEADEND CLEVIS

- J93 Clevis is formed from stiff, hot rolled channel, making it much heavier and stronger than similar brackets made of pressed steel channel
- The J93 clevis features raised projections near the bolt mounting slot which assist in capturing the bolt head to resist turning
- The J093 clevis has an 11/16" square hole for mounting with either a 5/8" carriage or machine bolt
- J93 constructed of 1 & 1/2" x 1/2" x 1/8" channel high quality steel, hot-dip galvanized
- J093 constructed of 1" x 1/2" x 1/8" channel high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J93	4"	3 & 1/4"	5/8"	25	40 Lbs.
J093	4"	3 & 1/4"	5/8"	25	32.25 Lbs.



J93



J093

INSULATED SECONDARY & DEADEND CLEVIS

- Economical secondary clevis for standard 3 inch spool insulator
- Constructed of 1 & 1/2" x 3/16" high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J1394	3 & 1/4"	3 & 1/4"	5/8"	50	62 Lbs.



J1394

INSULATED, SWINGING CLEVIS

- The J0322 and J1614 are used with 5/8" or larger eyebolts or eyenuts giving a flexible mounting for equalizing strains at corners
- The J1626 can be bolted to crossarms to provide an insulated deadend assembly
- Constructed of 3/16" high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J0322	5"	3 & 3/8"	5/8"	25	37.5 Lbs.
J1614	2 & 11/16"	2 & 1/4"	3/8"	100	41 Lbs.
J1626	6 & 7/16"	2 & 1/4"	3/8"	50	34 Lbs.



J0322



J1626

THIMBLE CLEVIS

- Formed steel thimble clevises provide a light duty, economical interface fitting to deadend wire grips, guy wire, conductor or bails to eye type fittings of insulators, eyebolts and pole eye plates
- Used where 1 & 1/2" wire seat diameters are required
- Constructed of pressed high quality steel, hot-dip galvanized

PART NUMBER	PIN DIAMETER	ULTIMATE STRENGTH	CLEVIS OPENING	CARTON QTY	CARTON WEIGHT
J554	1/2"	10,000 Lbs.	1	50	46.5 Lbs.
J555	5/8"	10,000 Lbs.	1	50	48.75 Lbs.
J575	5/8"	7,500 Lbs.	1	50	46 Lbs.



J554



J575

WIRE HOLDER CLEVIS

- Used with either the J101 or J151 spool insulator for attaching services where triplex-type cable is used
- Bracket has riveted in 3/8" x 3 & 1/2" screw
- Constructed of 1 & 1/2" x 3/16" high quality steel, hot-dip galvanized

PART NUMBER	BRACKET DEPTH	INSULATOR OPENING	COTTER BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J075	3"	3 & 1/4"	5/8"	25	35 Lbs.



CLIPS

HEAVY STRAIN INSULATOR CLIP

- Forged from 1/2" diameter steel with a 1/2" curved bolt complete with Anco® locknut
- Used with porcelain guy strain insulator L506
- Inside dimensions: 2 & 1/2" x 5" Minimum ultimate strength is 12,400 Lbs.
- Constructed of high quality steel, hot-dip galvanized

PART
NUMBERCARTON
QTYCARTON
WEIGHT

J732

25

35 Lbs.



CONNECTORS

STRANDLINK® CONNECTOR

- Used for splicing applications with overhead or down guy wire
- Rated to hold a minimum of 90% of RBS of the strand used
- "Universal Grades" are recommended for use with Alumoweld, EHS, aluminized and galvanized steel strand
- "All Grades" are recommended for use on common grade, SiemensMartin, high strength utility grade, galvanized and aluminized steel strand

**UNIVERSAL GRADE**

PART NUMBER	PRIMARY STRAND APPLICATION	RANGE	CONNECTOR LENGTH	CONNECTOR DIAMETER	CARTON QTY	CARTON WEIGHT
5039	3/16"	.145-.215"	7.5"	1.03"	50	20 Lbs.
5040	1/4"	.215-.270"	7.62"	1.13"	50	26 Lbs.
5041	5/16"	.270-.315"	9.28"	1.26"	40	32 Lbs.
5042	3/8"	.325-.392"	10.62"	1.45"	25	29.25 Lbs.
5043	7/16"	.392-.455"	10.59"	1.59"	25	35 Lbs.
5044	1/2"	.455-.520"	10.75"	1.70"	20	33 Lbs.

ALL GRADE

PART NUMBER	PRIMARY STRAND APPLICATION	RANGE	CONNECTOR LENGTH	CONNECTOR DIAMETER	CARTON QTY	CARTON WEIGHT
5000	1/4"	.240-.253"	6.40"	0.90"	100	28 Lbs.
5001	5/16"	.310-.335"	7.25"	1.04"	50	22.5 Lbs.
5002	3/8"	.360-.405"	8.00"	1.25"	50	34 Lbs.

REDUCERS

PART NUMBER	PRIMARY STRAND APPLICATION	RANGE LARGE END	RANGE SMALL END	CARTON QTY	CARTON WEIGHT
5087	5/16" x 1/4"	.270-.315"	.215-.270"	25	19 Lbs.
5022	3/8" x 5/16"	.360-.450"	.310-.335"	50	35 Lbs.

STRANDVISE® CONNECTOR

- Used for deadend applications with overhead or down guy wire
- Rated to hold a minimum of 90% of RBS of the strand used
- Color indicator for easy identification
- "Universal Grades" are recommended for use with Alumoweld, EHS, aluminized and galvanized steel strand
- "All Grades" are recommended for use on common grade, SiemensMartin, high strength utility grade, galvanized and aluminized steel strand

3/16" UNIVERSAL GRADE STRAND - RED WIRE RANGE: .145 - .215"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5199	10.12"	4.66"	1.63"	A	50	18 Lbs.

1/4" UNIVERSAL GRADE STRAND - YELLOW WIRE RANGE: .215 - .270"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5200	10.38"	4.88"	1.63"	A	50	26 Lbs.
5250	13.87"	4.88"	2.25"	B	40	28.8 Lbs.
5200L	13.87"	4.88"	1.63"	C	40	29 Lbs.
5262	22.62"	4.88"	2.75"	E	25	19 Lbs.
5268	28.63"	4.88"	2.75"	E	25	21.25 Lbs.

5/16" UNIVERSAL GRADE STRAND - BLACK WIRE RANGE: .270 - .315"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5201	10.69"	5.38"	1.63"	A	40	33 Lbs.
5251	14.00"	5.38"	2.25"	B	30	28 Lbs.
5201L	15.75"	5.38"	1.63"	C	50	50 Lbs.
5257	14.06"	5.38"	2.75"	E	20	20 Lbs.
5269	29.69"	5.38"	2.75"	E	20	26.4 Lbs.

3/8" UNIVERSAL GRADE STRAND - ORANGE WIRE RANGE: .325 - .392"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5202	12.88"	6.47"	1.63"	A	25	31.75 Lbs.
5252	15.12"	6.47"	2.25"	B	25	34.25 Lbs.
5202L	18.00"	6.47"	2.00"	C	25	37 Lbs.
5264	25.00"	6.47"	2.75"	E	15	27.3 Lbs.
5270	31.00"	6.47"	2.75"	E	15	30.45 Lbs.

7/16" UNIVERSAL GRADE STRAND - GREEN WIRE RANGE: .392 - .455"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5203	14.75"	6.72"	2.06"	A	20	33 Lbs.
5253-6	17.25"	6.72"	2.75"	D	15	28 Lbs.
5203L	21.00"	6.72"	2.00"	C	15	32 Lbs.



1/2" UNIVERSAL GRADE STRAND - BLUE WIRE RANGE: .455 - .520"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5204	16.31"	7.09"	2.06"	A	10	24 Lbs.
5254	17.50"	7.09"	2.25"	B	20	46.6 Lbs.
5254-6	17.38"	7.09"	2.75"	D	10	24 Lbs.
5204L	20.50"	7.09"	2.00"	C	10	26 Lbs.

1/4" ALL GRADE STRAND - YELLOW WIRE RANGE: .240 - .253"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5100	9.56"	3.94"	1.63"	A	50	18.5 Lbs.
5150	12.82"	3.94"	2.25"	B	50	22 Lbs.
5100L	13.10"	3.94"	1.63"	C	25	10.75 Lbs.

5/16" ALL GRADE STRAND - BLACK WIRE RANGE: .310 - .335"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5101	9.88"	4.37"	1.63"	A	50	26 Lbs.
5101L	14.9"	4.37"	1.63"	-	25	16 Lbs.
5151	13.10"	4.37"	1.63"	B	50	30.5 Lbs.

3/8" ALL GRADE STRAND - ORANGE WIRE RANGE: .360 - .405"

PART NUMBER	OVERALL LENGTH	CARTRIDGE LENGTH	BAIL WIDTH	BAIL TYPE	CARTON QTY	CARTON WEIGHT
5102	11.88"	5.00"	1.63"	A	40	32 Lbs.
5102L	17"	5.00"	2.25"	-	25	24 Lbs.
5152	13.82"	4.37"	1.63"	B	40	35 Lbs.
5152-6	13.50"	5.00"	2.75"	D	25	25 Lbs.

DAMPERS

ALUMINUM DAMPER

- Prevents cable dancing
- Can be used with both lashed and self-supporting aerial cable lines
- Damper comes with 2D lashing clamps and 2 lashing supports
- Constructed of aluminum

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2302	5	36 & 1/2" x 11 & 1/4" x 15"	9.5 Lbs.



EYELETS

THIMBLE EYE® AND OVALEYE EYELET

- Eyelets, also known as bolt eyes, are used under the head or nut of a bolt.
- Straight thimble eyelets are used for span guys
- Angle thimble eyelets are used for down guys
- Compatible with the strength of the bolts used with them; 5/8" = 13,550 Lbs., 3/4" = 20,050 Lbs.
- Standard eyelets are used for deadending
- Standard eyelets and straight thimble eyelets have a slotted hole for ease in inserting the bolt
- Constructed of high quality steel, hot-dip galvanized



PART NUMBER	MOUNTING BOLT HOLE	BOLT SIZE	INSIDE WIDTH	INSIDE LENGTH	OVERALL WIDTH	CARTON QTY	CARTON WEIGHT	STYLE
J1126	1 & 1/8" x 11/16"	5/8"	1 & 1/4"	3"	2 & 1/4"	30	28.2 Lbs.	Ovaleye
J1127	1 & 1/8" x 13/16"	3/4"	1 & 1/4"	3"	2 & 1/4"	30	24.1 Lbs.	Ovaleye
J6550C	1" x 11/16"	5/8"	1 & 5/16"	2"	2 & 1/4"	25	31 Lbs.	Thimble Eye®
J6551	1 & 1/8" x 13/16"	3/4"	1 & 5/16"	2"	2 & 1/4"	25	30 Lbs.	Thimble Eye®

ANGLE THIMBLE EYELET

PART NUMBER	BOLT DIAMETER	MAXIMUM STRAND	CARTON QTY	CARTON WEIGHT
J6500	5/8"	1/2"	20	27.2 Lbs.



EYENUTS

OVAL, THIMBLE, TWINEYE, AND CLEVIS EYENUT

- Thimble eyenuts are used for span, head and stub guying, twin eyenuts accommodate double guys
- Oval eyenuts are used for deadending with suspension and strain insulators or thimble clevises
- Eyenuts are tapped to fit hot-dip galvanized bolts made to ANSI specifications
- Designed to develop strength ratings consistent with the bolts with which they are used - i.e. 1/2" = 8,500 Lbs., 5/8" = 13,500 Lbs., 3/4" = 20,050 Lbs., 1" = 33,500 Lbs.

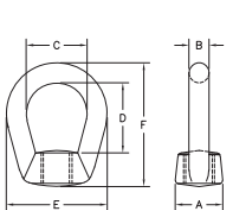


Figure 1

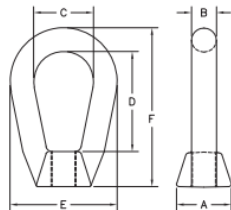


Figure 2

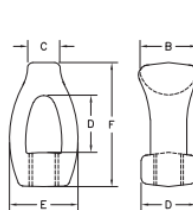


Figure 3

OVAL EYENUT

- J1092 and J1093 are constructed of high quality steel, hot-dip galvanized;
- EN-4, ENL-5 and ENL-6 constructed of ductile iron, hot-dip galvanized

PART NUMBER	FIGURE	BOLT SIZE	A	B	C	D	E	F	CARTON QTY	CARTON WEIGHT
EN-4	1	1/2"	1 & 3/8"	9/16"	1 & 1/2"	1 & 3/4"	2 & 5/8"	3"	50	33.2 Lbs.
J1092	1	5/8"	1 & 3/8"	9/16"	1 & 1/2"	1 & 3/4"	2 & 5/8"	3"	50	28 Lbs.
J1093	1	3/4"	1 & 3/8"	9/16"	1 & 1/2"	1 & 3/4"	2 & 5/8"	3"	50	26 Lbs.
ENL-5	2	5/8"	1 & 3/8"	5/8"	1 & 1/2"	2 & 1/2"	2 & 5/8"	4"	50	38.5 Lbs.
ENL-6	2	3/4"	1 & 3/8"	5/8"	1 & 1/2"	2 & 1/2"	2 & 5/8"	4"	50	39 Lbs.



THIMBLE EYENUT

- J6510, J6511 and J16512 constructed of high quality steel, hot-dip galvanized;
- SI-4405 and SI-4406 constructed of ductile iron, hot-dip galvanized

Bellcore Specification: 6228

PART NUMBER	FIGURE	BOLT SIZE	A	B	C	D	E	F	CARTON QTY	CARTON WEIGHT
J6510	3	5/8"	1 & 1/2"	1 & 1/2"	7/8"	1 & 3/8"	1 & 7/8"	3"	35	31.5 Lbs.
SI-4405	3	5/8"	1 & 1/4"	1 & 3/4"	29/32"	1 & 7/16"	1 & 3/4"	3"	50	36.25 Lbs.
J6511	3	3/4"	1 & 1/2"	1 & 1/2"	7/8"	1 & 3/8"	1 & 7/8"	3"	35	28.35 Lbs.
SI-4406	3	3/4"	1 & 1/4"	1 & 3/4"	29/32"	1 & 7/16"	1 & 3/4"	3"	50	40 Lbs.



TWINEYE EYENUT

- Constructed of high quality steel, hot-dip galvanized
- Twin eyenuts accommodate double guys
- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 6228

PART NUMBER	BOLT DIAMETER	MAXIMUM STRAND	CARTON QTY	CARTON WEIGHT
J6515	5/8"	5/8"	20	29.4 Lbs.
J6516	3/4"	5/8"	25	44 Lbs.



CLEVIS EYENUT

- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	BOLT DIAMETER	MAXIMUM STRAND	CARTON QTY	CARTON WEIGHT
CN-5	5/8"	5/8"	50	38.35 Lbs.



FORMED WIRE

DEADEND

- For deadend applications with overhead or down guy wires
- Designed for all grades of galvanized guy wire: Extra-High Strength, High Strength, Utilities Grade and Bell System Strand
- Holding strength of 100% of the published rating for the strands noted

MATERIAL: B CLASS GALVANIZING COATING PER ASTM A475

PART NUMBER	STRAND SIZE	ITEM LENGTH	COLOR CODE	CARTON QTY	CARTON WEIGHT
DE-S1104	1/4"	24"	Yellow	100	43.2 Lbs.
DE-S1104LA	1/4"	24"	Yellow	100	38 Lbs.
DE-S1106	5/16"	31"	Black	60	45 Lbs.
DE-S1107	3/8"	35"	Orange	40	44 Lbs.
DE-S1108	7/16"	38"	Green	25	32 Lbs.

MATERIAL: GALFAN®/BEZINAL® COATING

PART NUMBER	STRAND SIZE	ITEM LENGTH	COLOR CODE	CARTON QTY	CARTON WEIGHT
DE-S9104	1/4"	24"	Yellow	50	22 Lbs.
DE-S9106	5/16"	31"	Black	30	24 Lbs.
DE-S9107	3/8"	34"	Orange	25	28.5 Lbs.
DE-S2115	1/2"	44"	Blue	10	24.4 Lbs.



FALSE DEADEND FORMED WIRE

- Proven method of false deadending messenger guy strands
- Designed for all grades of galvanized guy wire: Extra-High Strength, High Strength, Utilities Grade
- Holding strength of 100% of the published rating for the strands noted

MATERIAL: B CLASS GALVANIZING COATING PER ASTM A475

PART NUMBER	STRAND SIZE	ITEM LENGTH	COLOR CODE	CARTON QTY	CARTON WEIGHT
FDE-S1121	1/4"	36"	Yellow	50	31.9 Lbs.
FDE-S1123	5/16"	39"	Black	40	36.6 Lbs.
FDE-S1124	1/2"	42"	Orange	25	29.8 Lbs.

GAINS

POLE GAIN

- Used where it is not possible or desirable to cut a gain in the pole
- Enhances the stability of the crossarm and pole interface
- Part is 4" high x 5 & 1/4" long with 25/32" end returns, includes two 1/4" holes and 13/16" x 2" slot
- Constructed of high quality 3/16" formed steel, hot-dip galvanized
- U.S. made version available



PART NUMBER	CARTON QTY	CARTON WEIGHT
J4060	25	32 Lbs.

GUARDS

POLYETHYLENE CABLE GUARDS

- Polyethylene blend in grey color
- Meets NEMA TC19-2017
- Cold temperature rated material - ideal for cold temperature regions with subzero conditions. Withstands impact resistance test of 525 ft-lbs at 73°F (23°C), 32°F (0°C), 0°F (-18°C)
- UV protection via Titanium Dioxide inhibitor in base material
- Offered with belled ends to facilitate overlapping joints
- Made in USA of recycled material.
- Recommend installation with ¼ x 2" hex head lag screw with neoprene backed steel washer (part J26486.1)



PART NUMBER	SIZE	LENGTH	A	B	C	D	STANDARD QTY
SI-UGX-208	2	8	1/8"	2 & 3/8"	4 & 1/2"	2 & 3/8"	300
SI-UGX-210	2	10	1/8"	2 & 3/8"	4 & 1/2"	2 & 3/8"	300
SI-UGX-308	3	8	1/8"	3 & 1/2"	6	3 & 1/2"	150
SI-UGX-310	3	10	1/8"	3 & 1/2"	6	3 & 1/2"	150
SI-UGX-408	4	8	1/8"	4 & 1/2"	6 & 1/2"	4 & 1/2"	100
SI-UGX-410	4	10	1/8"	4 & 1/2"	6 & 1/2"	4 & 1/2"	100
SI-UGX-508	5	8	1/8"	5 & 1/2"	7 & 1/2"	5 & 1/2"	80
SI-UGX-510	5	10	1/8"	5 & 1/2"	7 & 1/2"	5 & 1/2"	80

PVC CABLE GUARD

- UV stable PVC material in grey color
- Meets NEMA TC19-2001
- Flame retardant material - ideal for areas prone to wildfires
- Available in schedule 30, 40, and 80 ratings
- Offered with belled ends to facilitate overlapping joints
- Made in USA of recycled material.
- Recommend installation with ¼ x 2" hex head lag screw with neoprene backed steel washer (part J26486.1)

SCHEDULE 30 CONSTRUCTION

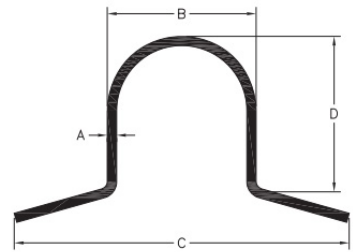
PART NUMBER	SIZE	LENGTH	A	B	C	D	STANDARD QTY
SI-UG.510-30	1/2"	10"	1/16"	9/16"	1 & 1/4"	9/16"	1400
SI-UG110-30	1"	10"	1/16"	1 & 1/4"	3"	1 & 1/16"	490
SI-UG208-30	2"	8"	1/8"	2 & 3/8"	4 & 1/2"	2 & 3/8"	300
SI-UG210-30	2"	10"	1/8"	2 & 3/8"	4 & 1/2"	2 & 3/8"	300
PGU210	2"	10"	1/8"	2 & 3/8"	4 & 1/2"	2 & 3/8"	10
SI-UG308-30	3"	8"	1/8"	3 & 1/2"	6"	3 & 1/2"	150
SI-UG310-30	3"	10"	1/8"	3 & 1/2"	6"	3 & 1/2"	150
SI-UG408-30	4"	8"	1/8"	4 & 1/2"	6 & 1/2"	4 & 1/2"	100
SI-UG410-30	4"	10"	1/8"	4 & 1/2"	6 & 1/2"	4 & 1/2"	100
SI-UG508-30	5"	8"	1/8"	5 & 1/2"	7 & 1/2"	5 & 1/2"	80
SI-UG510-30	5"	10"	1/8"	5 & 1/2"	7 & 1/2"	5 & 1/2"	80

SCHEDULE 40 CONSTRUCTION

PART NUMBER	SIZE	LENGTH	A	B	C	D	STANDARD QTY
SI-UG210-40	2"	10"	1/8"	2 & 3/8"	4 & 1/2"	2 & 3/8"	300
SI-UG310-40	3"	10"	3/16"	3 & 1/2"	6"	3 & 1/2"	150
SI-UG410-40	4"	10"	1/4"	4 & 1/2"	6 & 1/2"	4 & 1/2"	100
SI-UG510-40	5"	10"	1/4"	5 & 1/2"	7 & 1/2"	5 & 1/2"	70
SI-UG610-40	6"	10"	1/4"	6 & 1/2"	8 & 1/2"	6 & 1/2"	28

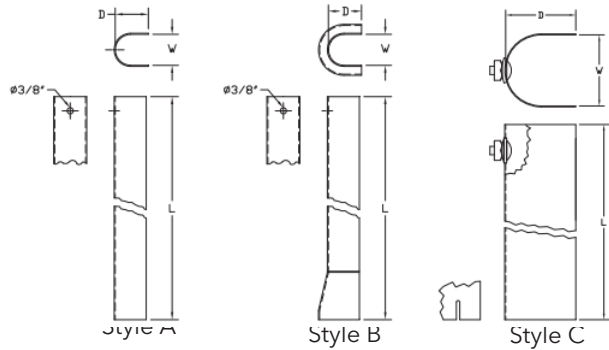
SCHEDULE 80 CONSTRUCTION

PART NUMBER	SIZE	LENGTH	A	B	C	D	STANDARD QTY
SI-UG210-80	2"	10"	3/16"	2 & 3/8"	4 & 1/2"	2 & 3/8"	200
SI-UG310-80	3"	10"	5/16"	3 & 1/2"	6"	3 & 1/2"	200



STEEL CABLE GUARD

- Cable guards are used to protect power and telephone cable at riser installations
- Offers maximum protection to cable against collisions and vandalism
- Inexpensive strap-mounted style uses lag screws to secure to pole
- Guards without frustrum can be used as extensions to attain any desired height on the pole
- Carriage bolt assembly is furnished on style "C" to fasten extensions and serve as a ground lead attachment
- Constructed of high quality steel, hot-dip galvanized

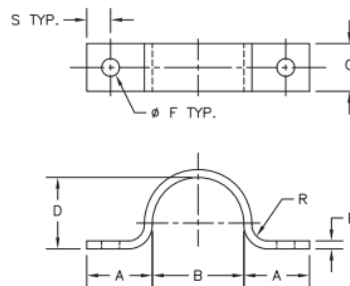


PART NUMBER	GUARD STYLE	STEEL GAGE	LENGTH	DEPTH	WIDTH	STRAP PN	CARTON QTY	CARTON WEIGHT
J984	A	14	8'	1 & 1/8"	1 & 1/8"	J995	5	35 Lbs.
J987	A	14	8'	2 & 3/16"	2 & 3/16"	J996	5	75 Lbs.
J989	A	14	8'	3 & 3/16"	3 & 3/16"	J997	2	34 Lbs.
J991	B	14	8'	1 & 5/16"	1 & 1/4"	J995	5	35 Lbs.

CABLE GUARD STRAP

- Constructed of high quality steel, hot-dip galvanized
- Used in securing U-cable guards to poles

Bellcore Specification: 6789



PART NUMBER	(A)	(B)	(C)	(D)	(E)	(F)	(R)	(S)	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0075	1 & 1/32"	1 & 17/16"	3/4"	1 & 1/8"	1/8"	9/32"	1/4"	3/8"	25	200	11" x 10" x 6"	20 Lbs.
SI-0077	1 & 1/32"	2 & 3/8"	3/4"	2 & 5/16"	1/8"	9/32"	3/8"	3/8"	25	100	14" x 14" x 6"	18.6 Lbs.
SI-0078	1 & 5/16"	2 & 3/8"	1"	3 & 5/16"	3/16"	11/32"	3/8"	1/2"	25	25	8" x 6" x 6"	17 Lbs.
SI-0079	1 & 5/16"	3 & 7/8"	1"	3 & 13/16"	3/16"	11/32"	3/8"	1/2"	25	25	8" x 6" x 6"	19 Lbs.
J995	1 & 1/32"	1 & 1/2"	3/4"	1 & 7/16"	1/8"	9/32"	3/8"	3/8"	-	250	16 & 1/4" x 9" x 7"	35 Lbs.
J996	1 & 1/32"	2 & 3/8"	3/4"	2 & 5/16"	1/8"	9/32"	3/8"	3/8"	-	150	17 & 1/2" x 9" x 9 & 1/2"	30 Lbs.
J997	1 & 5/16"	3 & 3/8"	1"	3 & 5/16"	3/16"	11/32"	3/8"	1/2"	-	50	17 & 1/2" x 9" x 9 & 1/2"	30 Lbs.

PLASTIC GROUND WIRE MOLDING

- Plastic ground wire molding provides strong, reliable protection of exposed ground wire.
- Low maintenance, safety, handling ease and low cost
- Easily secured to the pole with available diamond point staples or square shank, barbed staples
- Constructed of U-shaped, high impact resistant, UV stabilized PVC
- U.S. made version available



PART NUMBER	DESCRIPTION	CARTON QTY	CARTON WEIGHT
SI-GWM.5-96G	1/2" x 1/2" x 8', long, gray	100	33 Lbs.
SI-GWM.5-96BL	1/2" x 1/2" x 8', long, black	100	33 Lbs.
PM128	1/2" x 1/2" x 8', long, gray	125	40 Lbs.

PLASTIC GUY GUARD

- Provides a strong, highly visible, economical safeguard from exposed guy wires and anchor rods
- UV stabilized for long life and resistant to fading
- Constructed of yellow high-density, impact-resistant polyethylene or PVC
- U.S. made versions available

J1493Y Features

- 2" diameter full round design permits complete coverage of guy wire and anchor rod for maximum protection and improved visibility
- 3" long partial cutaway to facilitate installation of the galvanized bolted clamp assembly at one end
- The other end is secured by hand insertion of the one way, spiked plastic rivet

J14983Y

J5518 & J5718 Features

- Full round helical pigtail guards provide installation without the need for tools
- Uses a 23" long helically formed polyethylene tie pigtail, which is wrapped around the guy strand to provide tool free installation to guy strands 3/16" to 1/2"
- Secured by a marine grade aluminum rivet positioned 5' above bottom of guard
- Bottom of guard includes one way locking nylon strap for additional installation security and resistance to unauthorized removal

PART NUMBER	DESCRIPTION	ATTACHMENT	CARTON QTY	CARTON WEIGHT
J1493Y	8' Yellow, Polyethylene	Bolted Clamp	10	20.4 Lbs.
J5518	8' Yellow, PVC	Helical Tie	25	22.75 Lbs.
J5718	8' Yellow, Polyethylene	Helical Tie	25	17.5 Lbs.

J5518/J5718

TAPERED STEEL GUY GUARD

- Constructed of high quality steel, hot-dip galvanized
- U.S. made versions available

Full Round

- Full round guards are provided with U-bolt clamps at both ends
- Bottom fitting clamps directly to the guy rod
- Slot near the base of the guard easily engages the tongue of the fitting
- Strand swivel type top clamp is installed without removing the nuts

Half Round

- Half round guards come with either a hook or clamp at the top
- Curved jaws of the heavy gauge steel hook tighten firmly on 1/4 - 9/16" strand as the guard is brought down into position
- Two holes are available in the top clamp type, the lower of which is used on short sweep guys
- Seven holes in the lower portion of both styles allow for proper positioning of the bottom clamp to the strand

PART NUMBER	DESCRIPTION	ATTACHMENT	CARTON QTY	CARTON WEIGHT
J1448	8'	Half round, top hook	2	17.3 Lbs.
J1528	8'	Half round, top clamp	2	20 Lbs.
J1618	8'	Full round	2	24 Lbs.



GUY ATTACHMENTS

GUY ATTACHMENT

- Constructed of high quality steel, hot-dip galvanized
- U.S. made versions available

PART NUMBER	STEEL SIZE	MOUNTING HOLE	CARTON QTY	CARTON WEIGHT
J25164	2" x 3/16"	1 1/16"	50	28.8 Lbs.



GUY ATTACHMENT

- Used to fasten guys to poles
- Constructed of high quality steel, mechanically plated

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-4430	50	10" x 8 & 1/2" x 6 & 3/4"	28.8 Lbs.



GUY HOOK

- Used for down and span guys
- Constructed of ductile iron, hot-dip galvanized
- Features smooth grooves to eliminate chafing of the strand
- Accepts a wide range of strand diameters

Bellcore Specification: 7909

B GUY HOOKS

PART NUMBER	MOUNTING HOLE	WIDTH AT STRAND END	OVERALL LENGTH	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-4425	5/8"	3 & 3/4"	4 & 3/4"	25	12" x 9" x 5"	39.1 Lbs.
SI-4426	3/4"	3 & 7/8"	5 & 7/16"	25	14" x 10" x 8"	47.6 Lbs.
SI-4426A	3/4"	3 & 5/8"	5 & 1/4"	25	11 & 1/2" x 11" x 7"	46.3 Lbs.
P134AXW	13/16" x 7/8"	3 & 3/8"	4 & 3/4"	25	16 & 1/2" x 8 & 3/4" x 8 & 3/4"	27.75 Lbs.
P135AXW	11/16" x 3/4"	3 & 1/8"	4 & 1/2"	30	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	30 Lbs.

C GUY HOOKS

PART NUMBER	MOUNTING HOLE	WIDTH AT STRAND END	OVERALL LENGTH	CARTON QTY	CARTON SIZE	CARTON WEIGHT
C3/4GH	3/4"	-	5 & 3/4"	12	-	32 Lbs.

OTHER GUY HOOKS

PART NUMBER	MOUNTING HOLE	WIDTH AT STRAND END	OVERALL LENGTH	CARTON QTY	CARTON SIZE	CARTON WEIGHT
P133AX	13/16" x 1"	3 & 15/16"	5 & 1/2"	25	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	31 Lbs.
P151X	11/16"	2 & 7/8"	3 & 3/4"	35	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	29.75 Lbs.
P152X	13/16"	3 & 1/8"	4 & 1/4"	30	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	30 Lbs.
P157X	13/16"	3 & 5/8"	4 & 1/4"	30	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	24.4 Lbs.
P138	15/16"	1 & 13/16"	6 & 1/4"	15	16 & 1/2" x 10 & 1/2" x 9 & 3/4"	40.83 Lbs.
P133A	13/16"	3 & 5/8"	5 & 1/4"	25	16 & 1/2" x 10 & 1/2" x 9 & 3/4"	31 Lbs.
P135A	11/16"	3 & 3/4"	4 & 3/4"	30	16 & 1/2" x 10 & 1/2" x 9 & 3/4"	28.2 Lbs.
J6555	11/16"	3"	4 & 13/16"	50	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	47 Lbs.
J6556	13/16"	3"	4 & 13/16"	50	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	55 Lbs.
GAD-56-X	13/16"	2 & 7/8"	4 & 3/4"	50	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	48 Lbs.
GAD-56-4	13/16"	2 & 7/8"	4 & 3/4"	50	14 & 1/2" x 8 & 3/4" x 8 & 3/4"	48 Lbs.

Note: GAD-56-4 constructed with additional 9/16" diameter lag screw hole

SI-4426



SI-4425

P134AXW



P135AXW



GAD-56-X



SI-4426A



P138



P157X



P151X

GUY HOOK

- Used in tandem, on opposite sides of the pole, to prevent guy strand from slipping on the pole
- Rounded oval prevents damage to the guy strand and strands protective galvanized coating
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	MOUNTING HOLE	CARTON QTY	CARTON WEIGHT
J1019	11/16"	30	27 Lbs.


GUY HOOK

- Constructed of ductile iron, hot-dip galvanized
- U.S. made version available

PART NUMBER	OVERALL WIDTH	MOUNTING HOLE	CARTON QTY	CARTON WEIGHT
SGA-6	3 & 1/2"	13/16"	50	43 Lbs.


MULTIPLE COMBINATION GUY ATTACHMENT

- Combination type guy attachments provide flexibility to terminate guy wire or fiberglass guy strain insulators
- More surface in contact with pole than other comparable guy attachments
- Greater protection to wood fibers
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	OVERALL WIDTH	OVERALL LENGTH	CARTON QTY	CARTON WEIGHT
P345A	4"	7 & 1/2"	13	30.68 Lbs.

Note: Constructed with 13/16" mounting hole, 7/8" x 1 & 3/4" slot, two 9/16" holes in the base, and a tab with a 13/16" through hole

PART NUMBER	OVERALL WIDTH	OVERALL LENGTH	CARTON QTY	CARTON WEIGHT
MGA-345	2 & 7/8"	5"	25	40 Lbs.
MGA-345-N	2 & 7/8"	5"	20	30 Lbs.
MGA-345-6	2 & 7/16"	5"	25	40 Lbs.
MGA-345-6N	2 & 7/16"	5"	20	30 Lbs.

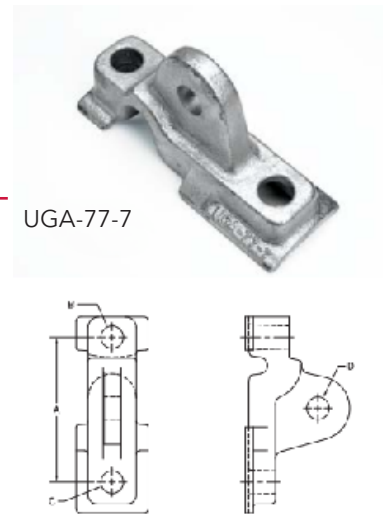
Note: Constructed with 13/16" mounting hole, 11/16" hole in the base, and a tab with a 11/16" through hole on MGA-345 & MGA-345-N, & a 13/16" through hole on MGA-345-6 & MGA345-6N. Suffix "N" indicates no teeth and is intended for use on steel or concrete poles



MULTIPLE COMBINATION GUY ATTACHMENT

- Combination type guy attachments provide flexibility to terminate guy wire or fiberglass guy strain insulators
- For use on round or flat surfaces
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	A	B	C	D	MAX CABLE DIAMETER	CARTON SIZE	CARTON WEIGHT
UGA-65-3	3"	13/16"	11/16"	11/16"	7/16"	20	30 Lbs.
UGA-66-4	4"	13/16"	13/16"	13/16"	1/2"	15	30.4 Lbs.
UGA-66-6	6"	13/16"	13/16"	15/16"	9/16"	10	50 Lbs.
UGA-77-6	6"	15/16"	15/16"	15/16"	9/16"	10	51 Lbs.
UGA-77-7	6"	15/16"	15/16"	15/16"	9/16"	10	52 Lbs.
UGA-77-9	6"	15/16"	15/16"	1 & 3/16"	9/16"	10	51 Lbs.
UGA-88-8	6"	1 & 1/16"	1 & 1/16"	1 & 1/16"	9/16"	10	51 Lbs.


HOOKS
DRIVE HOOK

- Used for securing drop wire attachments and service drops
- Constructed of high quality steel, hot-dip galvanized
- Rolled fitter drive threads and pilot point for easy starting

Bellcore Specification: 7365

* - Indicates mechanically plated finish

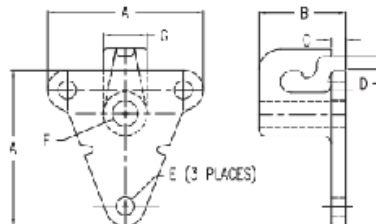
Note: J8245 has rolled 1/2" threads and includes a square nut, bolts through a wooden cross arm for deadending telephone services



PART NUMBER	ALTERNATE	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-3000*	J3316P	7/16" x 4 & 3/4"	200	9" x 9" x 7"	53 Lbs.
SI-3001*	J3318	5/16" x 3 & 1/2"	400	11" x 11" x 7 & 1/2"	55 Lbs.
J8245	-	1/2" x 5 & 7/8"	100	14 & 1/2" x 8" x 7 & 1/2"	41 Lbs.

DROP WIRE SERVICE HOOK

- Can be used at the pole or building end of a duplex or triplex service drop
- Breaking strength of hook exceeds 2,000 Lbs.
- U2395 constructed of Aluminum
- U2398 constructed of ductile iron, hot-dip galvanized
- U.S. made versions available



PART NUMBER	A	B	C	D	E	F	G	CARTON SIZE	CARTON WEIGHT
U2395	2.688"	1.5"	0.25"	0.25"	0.312"	0.438"	0.75"	15	23 Lbs.
U2398	2.688"	1.5"	0.25"	0.25"	0.312"	0.438"	0.75"	15	26 Lbs.

TYPE B PLACING HOOK

- The type B placing hook is used as a stringing tool to facilitate the installation of a figure 8 cable
- The hollow base of the hook permits installation over the nut and washer of the through bolt
- The horizontal slot of the hook allows the hook to be removed for re-use after the cable is secured to the cable suspension clamp and through bolt
- The hook can remain installed between the pole and the cable suspension clamp
- Constructed of high quality steel, hot-dip galvanized
- U.S. made version available

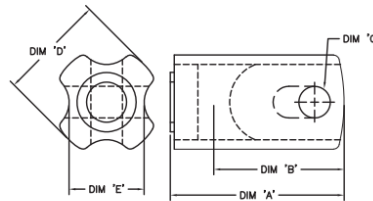


PART NUMBER	MOUNTING BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
P338	5/8"	20	40.6 Lbs.

INSULATORS

GUY STRAIN

- Typical system voltage: L502 (2.2 kV); L504 (4.4 kV); L506 (6.6 kV)
- Conforms to ANSI C29.1 standards; Class 54-1 (L502), Class 54-2 (L504), Class 54-3 (L506)
- Made of porcelain, horizon glaze (light gray) is standard color

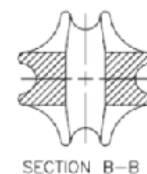
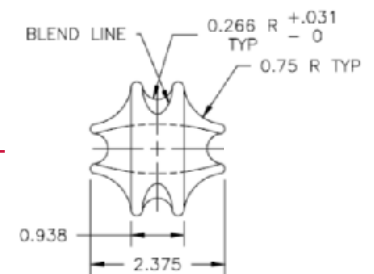


PART NUMBER	MAX CABLE DIAMETER	A	B	C	D	E	RATED ULTIMATE STRENGTH	MAX. WORK LOAD	CARTON QTY	CARTON WEIGHT
L502	3/8"	3 & 1/2"	2 & 5/8"	5/8"	2 & 1/2"	1 & 3/4"	10,000 Lbs.	5,000 Lbs.	50	55 Lbs.
L504	1/2"	4 & 1/2"	3 & 1/4"	7/8"	2 & 7/8"	2 & 1/8"	12,000 Lbs.	6,000 Lbs.	25	37 Lbs.
L506	5/8"	5 & 1/2"	4 & 5/16"	1"	3 & 3/8"	2 & 3/8"	20,000 Lbs.	10,000 Lbs.	16	44 Lbs.

B STRAND CONNECTOR

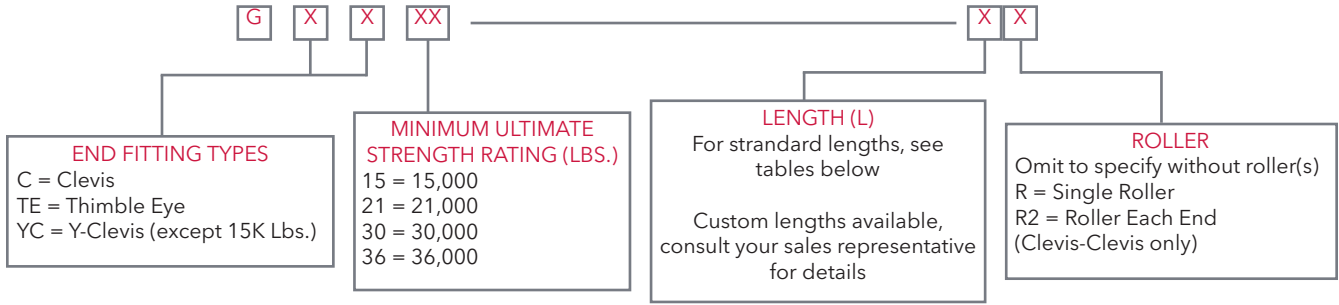
- Made of ductile iron
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	CARTON QTY	CARTON WEIGHT
SI-4439	20	23.68 Lbs.



GUY STRAIN

CATALOG NUMBERING SYSTEM



EXAMPLE

- 78" Guy Strain Insulator
- Clevis - Clevis end fittings
- 15,000 Lb minimum ultimate strength rating
- Roller on each end

Catalog Number - GCC15-78R2

15,000 LBS. MINIMUM ULTIMATE STRENGTH RATING

GUY STRAIN LENGTH	PART NUMBER CLEVIS - CLEVIS	CARTON QTY	CARTON WEIGHT	PART NUMBER CLEVIS - THIMBLE EYE	CARTON QTY	CARTON WEIGHT
12"	GCC15-12R	10	31 Lbs.	GCTE15-12R	10	30.2 Lbs.
18"	GCC15-18R	10	34.3 Lbs.	GCTE15-18R	10	31.6 Lbs.
24"	GCC15-24R	10	35.8 Lbs.	GCTE15-24R	10	35 Lbs.
36"	GCC15-36R	10	39 Lbs.	GCTE15-36R	10	38 Lbs.
42"	GCC15-42R	10	40 Lbs.	GCTE15-42R	10	41 Lbs.
54"	GCC15-54R	10	44.57 Lbs.	GCTE15-54R	10	41 Lbs.
78"	GCC15-78R	10	53 Lbs.	GCTE15-78R	10	50 Lbs.
96"	GCC15-96R	10	55.5 Lbs.	GCTE15-96R	10	55 Lbs.
120"	GCC15-120R	10	64 Lbs.	GCTE15-120R	10	61 Lbs.
144"	GCC15-144R	10	68 Lbs.	GCTE15-144R	10	67 Lbs.

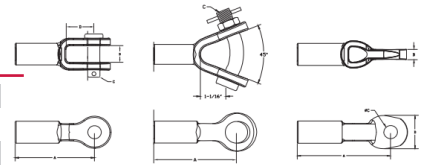
21,000 LBS. MINIMUM ULTIMATE STRENGTH RATING

GUY STRAIN LENGTH	PART NUMBER CLEVIS - CLEVIS	CARTON QTY	CARTON WEIGHT	PART NUMBER CLEVIS - THIMBLE EYE	CARTON QTY	CARTON WEIGHT
12"	GCC21-12R	10	31 Lbs.	GCTE21-12R	10	33 Lbs.
18"	GCC21-18R	10	37 Lbs.	GCTE21-18R	10	35 Lbs.
24"	GCC21-24R	10	39 Lbs.	GCTE21-24R	10	36 Lbs.
36"	GCC21-36R	10	38 Lbs.	GCTE21-36R	10	37 Lbs.
42"	GCC21-42R	10	41 Lbs.	GCTE21-42R	10	41 Lbs.
54"	GCC21-54R	10	45 Lbs.	GCTE21-54R	10	44 Lbs.
60"	GCC21-60R	10	48 Lbs.	GCTE21-60R	10	46 Lbs.
78"	GCC21-78R	10	51.2 Lbs.	GCTE21-78R	10	50 Lbs.
90"	GCC21-90R	10	56 Lbs.	GCTE21-90R	10	53 Lbs.
96"	GCC21-96R	10	59 Lbs.	GCTE21-96R	10	55 Lbs.
120"	GCC21-120R	10	62.3 Lbs.	GCTE21-120R	10	61 Lbs.
144"	GCC21-144R	10	70 Lbs.	GCTE21-144R	10	67 Lbs.



30,000 LBS. MINIMUM ULTIMATE STRENGTH RATING

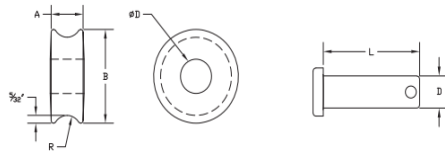
GUY STRAIN LENGTH	PART NUMBER CLEVIS - CLEVIS	CARTON QTY	CARTON WEIGHT	PART NUMBER CLEVIS - THIMBLE EYE	CARTON QTY	CARTON WEIGHT
24"	GCC30-24R	5	39 Lbs.	GCTE30-24R	5	35 Lbs.
36"	GCC30-36R	5	42 Lbs.	GCTE30-36R	5	37 Lbs.
42"	GCC30-42R	5	44 Lbs.	GCTE30-42R	5	39 Lbs.
54"	GCC30-54R	5	46.2 Lbs.	GCTE30-54R	5	41 Lbs.
78"	GCC30-78R	5	47.5 Lbs.	GCTE30-78R	5	46 Lbs.
96"	GCC30-96R	5	53 Lbs.	GCTE30-96R	5	51 Lbs.
120"	GCC30-120R	5	58 Lbs.	GCTE30-120R	5	56 Lbs.
144"	GCC30-144R	5	63 Lbs.	GCTE30-144R	5	62 Lbs.



36,000 LBS. MINIMUM ULTIMATE STRENGTH RATING

GUY STRAIN LENGTH	PART NUMBER CLEVIS - CLEVIS	CARTON QTY	CARTON WEIGHT	PART NUMBER CLEVIS - THIMBLE EYE	CARTON QTY	CARTON WEIGHT
18"	GCC36-18R	5	38 Lbs.	GCTE36-18R	5	34 Lbs.
54"	GCC36-54R	5	42.5 Lbs.	GCTE36-54R	5	41 Lbs.
60"	GCC36-60R	5	46 Lbs.	GCTE36-60R	5	43 Lbs.
78"	GCC36-78R	5	50 Lbs.	GCTE36-78R	5	56 Lbs.
96"	GCC36-96R	5	56 Lbs.	GCTE36-96R	5	51 Lbs.
120"	GCC36-120R	5	55.45 Lbs.	GCTE36-120R	5	54 Lbs.
144"	GCC36-144R	5	60.335 Lbs.	GCTE36-144R	5	59 Lbs.

DIMS.	CLEVIS (C)				Y-CLEVIS (YC)				THIMBLE-EYE (TE)			
	15000	21000	30000	36000	15000	21000	30000	36000	15000	21000	30000	36000
A	4"	4"	6 & 1/2"	6 & 1/2"	-	4 & 1/8"	6 & 1/16"	6 & 1/16"	4 & 5/8"	4 & 15/16"	7 & 1/4"	7 & 1/4"
B	15/16"	15/16"	1"	1"	-	-	-	-	17/32"	11/16"	13/16"	13/16"
C	5/8"	5/8"	3/4"	3/4"	-	3/4"	3/4"	3/4"	11/16"	11/16"	13/16"	13/16"
D	1 & 3/8"	1 & 3/8"	2"	2"	-	-	-	-	1 & 5/8"	1 & 3/4"	2 & 3/8"	2 & 3/8"



PART NUMBER	RATING (LBS.)	A	ROLLER B	D	R	PART NUMBER	CLEVIS PIN RATING (LBS.)	D	L	PART NUMBER	COTTER PIN RATING (LBS.)	PIN DIAMETER
R-17-5	15,000	3/4"	1 & 7/8"	11/16"	5/16"	CP-5	15,000	5/8"	2 & 1/8"	M-111-3A	15,000	5/8"
	21,000					CP-5-21	21,000	5/8"	2 & 3/8"			
R-24-6	30,000	27/32"	2 & 3/8"	13/16"	13/32"	CP-6-30	30,000	3/4"	2 & 1/2"	M-111-2A	30,000	3/4"
	36,000						36,000					

SPOOL

- Made of porcelain, horizon glaze (light gray) is standard color
- Conforms to ANSI C29.3 standard; Class 53-2

PART NUMBER	INSULATOR TYPE	BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J151	Wet Process	5/8"	50	62 Lbs.



NUTS

CONCAVE MF LOCKNUT

- When the arched surface contacts the top of the common nut or bearing surface, wrenching flattens the arch, deflecting the nut
- Deflects threads from their true helix causing them to firmly grip the bolt threads
- The nut takes a permanent set and must be wrenched for further movement
- Free-spinning square locknut that starts freely from either side and spins into place with fingers
- 1/2 to a full turn with a wrench will lock it securely
- Constructed of high quality steel, hot-dip galvanized



J8581

PART NUMBER	BOLT DIAMETER	CARTON QTY	CARTON WEIGHT
J8581	3/8"	3,000	60 Lbs.
J8582	1/2"	1,500	45 Lbs.
J8583	5/8"	800	32 Lbs.
J8584	3/4"	550	33 Lbs.
J8584-1/2	7/8"	400	34 Lbs.

SQUARE NUT

- Manufactured in accordance with ANSI Specifications B18.2.2 and tapped Unified National Coarse Threads Series Class 2B after centrifugal hot-dip galvanizing, oversize for galvanized bolts and rods
- Considered safest to use by utility linemen
- Large wrenching surface
- Regular square nuts are used on all types of threaded bolts and insulator pins
- Heavy square nuts are used exclusively on anchor rods
- Constructed of high quality steel, hot-dip galvanized



Bellcore Specification: 6445

PART NUMBER	ALTERNATE	SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-5362	-	5/16"	500	6" x 4" x 4"	8 Lbs.
SI-5363	-	3/8"	500	6" x 4" x 4"	12.5 Lbs.
-	J8561	3/8"	1250	12 & 3/4" x 8" x 7 & 1/2"	28 Lbs.
SI-5364	-	1/2"	500	7" x 7" x 5"	22.5 Lbs.
-	J8562	1/2"	500	14 & 1/2" x 8" x 5 & 1/2"	25 Lbs.
SI-5365	-	5/8"	250	7" x 7" x 5"	23.25 Lbs.
-	J8563	5/8"	250	12 & 5/8" x 8 & 1/8" x 7 & 3/8"	23.25 Lbs.
SI-5366	-	3/4"	250	8" x 8" x 6"	35 Lbs.
-	J8564	3/4"	250	12 & 1/2" x 8" x 5 & 1/2"	30 Lbs.
J8564-1/2	-	7/8"	200	10 & 1/2" x 10 & 1/2" x 6"	44 Lbs.

PLATES

POLE PLATE

- Used to mark wood poles
- Constructed of aluminum, 0.080" thick

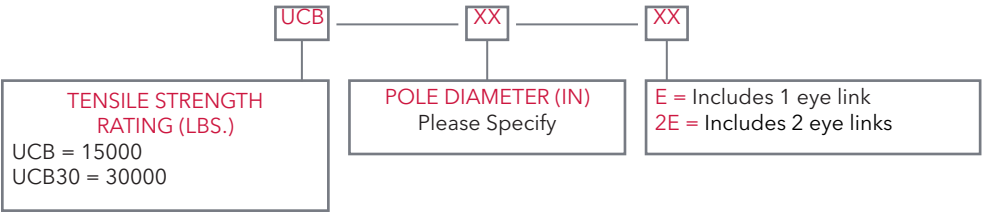
PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
STD720336	200	7" x 7" x 5"	10.2 Lbs.



POLE BANDS

LINK STYLE POLE BAND

- Provide an ideal product for guying and deadending to steel, wood or concrete poles (non-square) without the need for bolt holes in the pole.
- Will accommodate pole diameters from a minimum of 8" through a virtually unlimited maximum pole diameter
- Available in 15,000 Lbs. and 30,000 Lbs. Tensile Strength Rating
- Supplied with up to 4 links with connecting eye used for terminating points to deadend and guy
- One "CLP" clip included - allows a 4" take up adjustment of band assembly; additional CLP can be ordered for further adjustment
- Full and half links are available to order for additional adjustments
- Material:
 - Links: Constructed of ductile iron, hot-dip galvanized
 - Hardware: Constructed of high quality steel, hot-dip galvanized
 - Cotter Key: Constructed of stainless steel
- U.S. made versions available



MOUNTING BRACKET

- Mounting bracket is used with the UCB 15,000 Lbs. pole bands for mounting messenger suspension clamps in telecommunication construction applications
- Bracket has a 3/4" tapped hole, a 5/8" x 3 & 1/2" grade 5 hex head bolt with square nut, a 1/2" x 2 & 1/2" grade 5 bolt with square nut and a 1/2" diameter grade 5 clevis pin with cotter key

PART NUMBER	SIZE	CARTON QTY	CARTON WEIGHT
SF-TEL-8	4" x 8"	5	37.85 Lbs.
SF-TEL-16	4" x 16"	5	60 Lbs.


PEL EYE LINK

PART NUMBER	TENSILE STRENGTH RATINGS	CLEVIS PIN CENTERS	CARTON QTY	CARTON WEIGHT
PEL-15	15,000 Lbs.	15/16"	25	56 Lbs.
PEL-30	30,000 Lbs.	15/16"	15	65 Lbs.


LINK

PART NUMBER	TENSILE STRENGTH RATINGS	CLEVIS PIN CENTERS	CARTON QTY	CARTON WEIGHT
P-1/2	15,000 Lbs.	1 & 11/16"	25	25.5 Lbs.
P1/2-30	30,000 Lbs.	2 & 3/16"	25	60 Lbs.
P	15,000 Lbs.	3 & 7/16"	25	32.5 Lbs.
P-30	30,000 Lbs.	3 & 7/16"	20	60 Lbs.


CLP STYLE CLIP

- Clips provide a maximum of 4" adjustment

PART NUMBER	TENSILE STRENGTH RATINGS	CARTON QTY	CARTON WEIGHT
CLP-2	15,000 Lbs.	5	10 Lbs.
CLP30-2	30,000 Lbs.	5	42.5 Lbs.



STRAP STYLE POLE BAND

- Designed to accommodate a wide range of distribution pole diameters.
- Each unit incorporates four (4) 3/4" diameter studs and each band section has 9/16" square holes for lag screws
- Ultimate Tensile Strength: 20,000 Lbs.
- Band Section: 1/4" x 4" (except J6643 = 5/16" x 3")
- Connecting Link Mounting Position: All Four Sides
- Material:
 - Links: Constructed of ductile iron, hot-dip galvanized
 - Hardware: Constructed of high quality steel, hot-dip galvanized



PART NUMBER	POLE DIAMETER RANGE	CARTON QTY	CARTON WEIGHT
J6641	9 & 1/2" - 13 & 1/2"	2	32 Lbs.
J6643	7" - 9 & 1/2"	2	26 Lbs.
J6644	8" - 11"	3	43.8 Lbs.
J6684	12" - 16"	2	36 Lbs.

CONNECTING LINK

- Each J6650 link consists of one pair (two halves)
- Constructed of high quality steel, hot-dip galvanized
- U.S. made version available

PART NUMBER	OVERALL SIZE	HOLE CENTERS	HOLE SIZE	ULTIMATE STRENGTH	CARTON QTY	CARTON WEIGHT
J6650	1/4" x 2" x 9 & 1/2"	7 & 1/2"	13/16"	20,000 Lbs.	10	24 Lbs

**GUY ATTACHMENT ASSEMBLY**

- Each guy attachment assembly has a 5/8" wide groove for a 1/2" guy strand, and a 13/16" through hole
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	TYPE	CARTON QTY	CARTON WEIGHT
J6273	Single	15	31.95 Lbs.
J6274	Double	5	31 Lbs.

**POLE STEPS - PERMANENT****POLE STEP, HOLLOW POLE**

- For use with steel or composite poles
- All stainless steel design
- Rugged and reliable
- Mounts into a 13/16" diameter hole
- Captive design prevents the dropping of loose parts during installation
- Keyed mounting plate provides positive alignment of pole step to pole
- Easy to install
- Patented

PART NUMBER	TYPE	POLE DIAMETER	POLE THICKNESS	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0040	Standard	10" to 20"	7 gage, 3/8"	100	12" x 12" x 7"	201.1 Lbs.



POLE STEP, WOOD POLE

- For use with wood poles
- Rugged and reliable
- Flat driving surface and fetter drive thread for easy and secure installation
- Knurled ring indicates proper driving depth
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	OVERALL SIZE	CARTON QTY	CARTON WEIGHT
J1118	5/8" x 10"	50	46 Lbs.
J1118A*	5/8" x 10"	50	46 Lbs.

* - Indicates diamond knurl step for increased footing traction


POLE STEPS - REMOVABLE
REMOVABLE POLE STEP, WOOD POLE

- Removable pole steps prevent unauthorized climbing to the point on a pole where permanent steps are installed
- Special 9/16" x 4" fetter drive lag screw permanently attaches the mounting plate to the pole
- Twisting is prevented by a punched projection
- Nail hole is provided
- Can be hung from lineman's belt
- When attached, extension is 5 & 1/2"
- Constructed of high quality steel, hot-dip galvanized
- U.S. made version available

PART NUMBER	ALTERNATE PART	DESCRIPTION	CARTON QTY	CARTON WEIGHT
J6235	-	Pole plate & lag screw	50	30 Lbs.
J6236	SI-0049	Pole step	50	27 Lbs.


REMOVABLE POLE STEP, HOLLOW POLE

- For use with SI-0048
- Constructed of high quality steel, hot-dip galvanized
- Rugged and reliable
- Easy to install
- Patented

PART NUMBER	OVERALL QTY	CARTON SIZE	CARTON WEIGHT
SI-0047	20	12" x 12" x 7"	15 Lbs.



REMOVABLE POLE STEP MOUNTING ASSEMBLY

- For use with steel or composite poles
- Stainless steel design
- Rugged and reliable
- Mounts into a 13/16" diameter hole
- plate, nut, and washer are captive on pole step rod and cannot be removed
- Captive design prevents the dropping of loose parts during installation
- Keyed mounting plate provides positive alignment of pole step to pole
- Easy to install
- Patented

PART NUMBER	TYPE	POLE DIAMETER	POLE THICKNESS	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0048	Standard	10" to 20"	7 gage, 3/8"	20	12" x 12" x 7"	30 Lbs.

**REMOVABLE POLE STEP, COMPLETE**

- Combines SI-0047 and SI-0048 in one package
- For use with steel or composite poles
- Rugged and reliable
- Easy to install
- Patented

PART NUMBER	TYPE	POLE DIAMETER	POLE THICKNESS	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0041	Standard	10" to 20"	7 gage, 3/8"	20	14" x 14" x 9"	35.8 Lbs.

**RACKS****RACK SECONDARY BRACKET**

- Exceeds strength specifications for both ANSI medium and heavy type
- Curved back fits snugly to the pole with a 3 & 1/4" wide bearing surface
- Mounting slots on the extended styles are for 5/8" bolts
- Groove in the back will retain a 5/8" square nut, permitting the rack to be installed over existing bolts without disturbing present installations
- J151 insulator should be ordered separately
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	NUMBER OF WIRES	WIRE SPACING	OVERALL LENGTH	END MOUNTING HOLE SPACING	CARTON QTY	CARTON WEIGHT
J767	2	8"	18"	16"	5	27 Lbs.
	3	4"				
J768	3	8"	26"	24"	4	27 Lbs.
J769	3	12"	34"	32"	4	39.2 Lbs.
	4	8"				

**UNDERGROUND CABLE RACK AND HOOK**

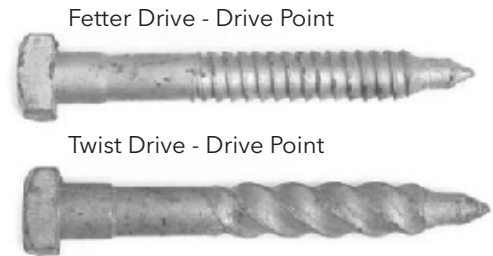
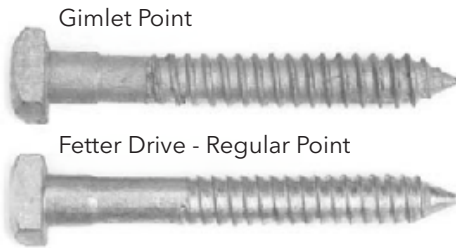
- Underground cable racks and hooks are used for supporting cable runs in manholes and vaults
- J5120 series made from 3/16" x 9/16" x 1 & 1/2" hot rolled channel with T-slots for attaching hooks spaced at 1 & 1/2" intervals
- 8, 14, and 18 hole racks have 3/4" x 19/32" mounting slots at each end
- Mounting slots interlock so that two racks may be combined as one unit
- Cable hooks are formed with a generous radius to protect cable from damage
- Turned up ends to help prevent the cable or cable rack insulator from slipping off
- Constructed of high quality steel, hot-dip galvanized

CABLE RACK

PART NUMBER	OVERALL LENGTH	MOUNTING HOLE CENTERS	NUMBER OF HOLES	CARTON QTY	CARTON WEIGHT
J5124	15"	13 & 1/2"	8	25	34 Lbs.
J5125	24"	22 & 1/2"	14	10	23 Lbs.
J5126	30"	28 & 1/2"	18	10	24 Lbs.


CABLE HOOK

PART NUMBER	EXTENSION FROM FACE OR BACK	CARTON QTY	CARTON WEIGHT
J5132A	7 & 1/2"	50	45 Lbs.
J5133A	10"	40	45.2 Lbs.
J5134A	14"	25	46 Lbs.


SCREWS

DRIVE SCREW

- Fetter Drive and Twist Drive drive screws can either be wrenched or driven like a nail for speedier installation without sacrificing any of the holding strength of gimlet point regular threads; Gimlet Point drive screws are installed with a wrench
- All drive screws have rolled threads
- Twist Drive screws are furnished with a drive point for additional starting ease and accuracy
- Most Fetter Drive screws can be furnished with a drive point as well
- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 6281

FETTER DRIVE, DRIVE POINT

PART NUMBER	ALTERNATE	SIZE	CARTON QTY	CARTON WEIGHT
J8743P	-	3/8" x 3"	500	45 Lbs.
SI-0031	-	3/8" x 4"	400	49.2 Lbs.
	J8744P	3/8" x 4"	250	30 Lbs.
J8753P	-	1/2" x 3"	250	42.5 Lbs.
J8754P	-	1/2" x 4"	200	44 Lbs.
J8756P	-	1/2" x 6"	100	31 Lbs.
SI-0034	-	5/8" x 6"	100	60 Lbs.

FETTER DRIVE, REGULAR POINT

PART NUMBER	SIZE	CARTON QTY	CARTON WEIGHT
J8652-1/2HH*	1/4" x 2"	1000	40 Lbs.
SI-0029	1/4" x 2 & 1/2"	1000	39 Lbs.
J8742-1/2	1/4" x 2 & 1/2"	500	40 Lbs.
SI-6229	3/8" x 2 & 1/2"	600	55.2 Lbs.
J8754	1/2" x 4"	200	45 Lbs.
J8765	5/8" x 5"	100	44 Lbs.

* - indicates hex head

TWIST DRIVE, DRIVE POINT

PART NUMBER	SIZE	CARTON QTY	CARTON WEIGHT
J8754TP	1/2" x 4"	200	44 Lbs.
SI-0032	1/2" x 4 & 1/2"	200	52.8 Lbs.

LAG SCREW

- Constructed of high quality steel, hot-dip galvanized
- Provided with a gimlet point
- Additional sizes available upon request

Bellcore Specification: 6337

GIMLET POINT

PART NUMBER	SIZE	CARTON QTY	CARTON WEIGHT
J8722	1/4" x 2"	2000	60 Lbs.
J8722-1/2	1/4" x 2 & 1/2"	1000	30 Lbs.
J8723	1/4" x 3"	1000	40 Lbs.
SI-6035	5/16" x 1 & 1/2"	500	27 Lbs.
J8732*	5/16" x 2"	1000	40 Lbs.
SI-6037	5/16" x 2 & 1/2"	500	27 Lbs.
J8773	3/8" x 3"	500	30 Lbs.

* - indicates hex head

HEX HEAD LAG SCREW

- Constructed of grade 5 steel with dacromet finish
- Provided with a gimlet point
- Additional sizes available upon request

PART NUMBER	OVERALL SIZE	CARTON QTY	CARTON WEIGHT
SI-6040	5/16" x 2"	600	25 Lbs.
SI-6041	5/16" x 3"	600	31.8 Lbs.

* Constructed of high quality mild

HEX HEAD LAG SCREW WITH NEOPRENE BACKED STEEL WASHER

- Hex head lag screws with steel/neoprene washers are ideal to secure plastic U-cable guards
- 9/16" steel washer is bonded with a neoprene washer on one side to provide a cushion between the plastic cable guard and the lag screw
- Lag screws have 7/16" hex heads and gimlet points/threads
- Constructed of high quality carbon steel to resist bending
- J26486.1 and J26486.2 hot-dip galvanized
- SI-6038 electro-zinc plated



GIMLET POINT

PART NUMBER	ALTERNATE	SIZE	CARTON QTY	CARTON WEIGHT
SI-6038	J26486.1	1/4" x 2"	500	20.5 Lbs.
J26486.2	-	1/4" x 2 & 1/2"	500	20 Lbs.

SHACKLES

ANCHOR SHACKLE

- Anchor shackles are used for attaching suspension insulators to towers, yokes and double arming plates
- Openings are enlarged to permit the use of two or more fittings
- Shackle material is 1/2" dia., with a 1 & 3/8" x 1 & 13/16" opening, with a 5/8" pin
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	ULTIMATE STRENGTH	CARTON QTY	CARTON WEIGHT
J2742	15,000 Lbs.	35	28.35 Lbs.



SIDEWALK GUY

- These cast iron fittings are used with standard pipe near sidewalks and buildings where there is insufficient space for standard guying and where head clearance must be maintained
- SWGB-20-54 pole plate is mounted with one 5/8" bolt and two 1/2" lag screws
- SWG-20-5 end fitting clamps the strand
- SWG2-20-5 accommodates two guy wires
- The J0521 pole plate has four 9/16" holes for mounting with lag screws
- The J0522 end fitting requires a J931 guy clamp which must be ordered separately; The 5/8 x 2 & 1/2" track bolt replaces one of the 'outer' bolts of the J931 guy clamp.
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	DESCRIPTION	WIRE RANGE	PIPE SIZE	CARTON QTY	CARTON WEIGHT
SWG2-20-5	Double Clamp End Fitting	5/16" x 9/16"	2"	20	57 Lbs.
SWG-20-5	Clamp End Fitting	1/4" x 9/16"	2"	20	50 Lbs.
SWGB-20-54	Pole Plate		2"	20	45.6 Lbs.
J0521*	Pole Plate		2" x 2 & 1/2"	10	44.5 Lbs.
J0522*	Clamp Bolt End Fitting		2" x 2 & 1/2"	10	29.8 Lbs.



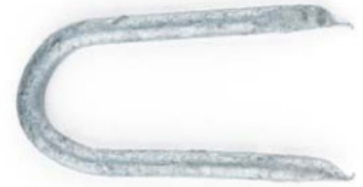
PAX35 catalog number is 1 each of J0521 and J0522, packaged as a kit.

STAPLES

STAPLE, CUT POINT

- Used to fasten ground wire and ground wire molding to structures
- Constructed from high quality steel and coated as required
- SI-101 and SI-110 are REA accepted
- SI-150 and SI-151 are ANSI Standard

PART NUMBER	FINISH	LENGTH x INSIDE WIDTH x WIRE DIAMETER	CARTON QTY	CARTON WEIGHT
J6652	Copper Coated	1 & 1/2" x 3/8" x .148"	50	50 Lbs.
J6653	Copper Coated	2" x 1/4" x .162"	50	51 Lbs.
J6655	Copper Coated	2" x 1/2" x .162"	50	50 Lbs.
J1672	Mill Galvanized	1 & 1/2" x 1/4" x .148"	50	51 Lbs.
J1673	Mill Galvanized	1 & 3/4" x 1/4" x .148"	50	51 Lbs.
J1672G	Hot-Dip Galvanized	1 & 1/2" x 1/4" x .148"	50	50 Lbs.
J157	Hot-Dip Galvanized	2" x 1/2" x .162"	2000	60 Lbs.



STAPLE, DIAMOND POINT

- Used to fasten ground wire and ground wire molding to structures
- Constructed from high quality steel and coated as required
- SI-182 is REA accepted

PART NUMBER	FINISH	LENGTH x INSIDE WIDTH x WIRE DIAMETER	CARTON QTY	CARTON WEIGHT
J6493	Copper Coated	1 & 1/4" x 1/4" x .114"	5000	50 Lbs.
J6494	Copper Coated	1 & 1/2" x 5/16" x .144"	5000	50 Lbs.
J6495	Copper Coated	1 & 3/4" x 3/8" x .144"	1000	20 Lbs.
J6496	Copper Coated	2" x 1/2" x .162"	1000	20 Lbs.
J6490	Copper Coated	2" x 5/8" x .162"	1000	30 Lbs.
J6522	Copper Coated	3" x 1" x 1/4"	700	56 Lbs.
SI-210	Electro-Zinc	1 & 1/2" x 1/4" x .120"	500	25 Lbs.
SI-213	Electro-Zinc	2" x 1/2" x .162"	1000	5 Lbs.
SI-214	Electro-Zinc	2 & 1/4" x 25/32" x 3/16"	500	5 Lbs.
J172	Hot-Dip Galvanized	1 & 1/2" x 3/8" x .148"	2500	25 Lbs.
J173	Hot-Dip Galvanized	1 & 3/4" x 3/8" x .148"	2500	50 Lbs.
J156	Hot-Dip Galvanized	2" x 1/2" x .162"	2500	25 Lbs.
J7487HDG*	Hot-Dip Galvanized	2" x 5/8" x .162"	1000	30 Lbs.
J7488HDG*	Hot-Dip Galvanized	2" x 5/8" x 3/16"	100	4 Lbs.
J128	Hot-Dip Galvanized	3" x 1 1/16" x 1/4"	500	45 Lbs.
J142	Hot-Dip Galvanized	3" x 1 & 1/2" x 1/4"	500	45 Lbs.
J7487	Electro-Galvanized	2" x 5/8" x .162"	1000	20 Lbs.
J7488	Electro-Galvanized	2" x 5/8" x 3/16"	1000	20 Lbs.
J7491	Electro-Galvanized	2 & 1/2" x 29/32" x 3/16"	1000	40 Lbs.
J7493	Electro-Galvanized	3" x 1 1/16" x 1/4"	700	58 Lbs.



STAPLE, SQUARE SHANKED BARBED

- Used to fasten ground wire and ground wire molding to structures
- Stronger, resists bending better than traditional round wire staples
- Barbed shank provides increased retention in wood floors
- Constructed from high quality steel and coated as required

PART NUMBER	FINISH	LENGTH x INSIDE WIDTH x WIRE DIAMETER	CARTON QTY	CARTON WEIGHT
J7656	Hot-Dip Galvanized	1 & 1/2" x 3/8" x .131"	3500	49 Lbs.
J7657	Hot-Dip Galvanized	2" x 3/8" x .131"	2600	49.4 Lbs.
J7663	Hot-Dip Galvanized	2 & 1/4" x 13/16" x .218"	100	7 Lbs.
J7664	Hot-Dip Galvanized	3" x 11/16" x .218"	600	48 Lbs.
J7672	Hot-Dip Galvanized	2" x 5/8" x .165"	1600	48 Lbs.
J7682	Copper Coated	1 & 1/2" x 3/8" x .140"	3000	60 Lbs.


STRAPS
LASHING STRAP

- Used to strap CATV and telephone cable to steel strand in aerial construction
- Constructed of non-corrosive stainless steel
- Straps are .010" thickness x 3/4" wide and available in lengths from 10" to 78"
- Strap edges are processed to be smooth and free of burrs
- Used with SI-7512 Spacer

Bellcore Specification: 7169

PART NUMBER	LENGTH DIAMETER	CIRCUMFERENCE	MAXIMUM ASSEMBLY	CARTON QTY	CARTON WEIGHT
SI-7511-10	3/4"	10"	2 & 5/16"	500	13 Lbs.
SI-7511-16	1 & 3/16"	16"	3 & 5/8"	500	19.5 Lbs.
SI-7511-22	2"	22"	6 & 5/16"	300	15 Lbs.
SI-7511-28	2 & 5/8"	28"	8 & 5/16"	500	30 Lbs.
SI-7511-34	3 & 1/8"	34"	10"	200	15 Lbs.
SI-7511-45	4"	45"	12 & 1/2"	200	19.8 Lbs.
SI-7511-50	5"	50"	15 & 13/16"	200	23 Lbs.
SI-7511-66	6 & 1/2"	66"	20 & 1/2"	200	28.6 Lbs.
SI-7511-78	7 & 1/2"	78"	23"	100	17.2 Lbs.


LASHING STRAP SPACER

- High Density Polyethylene, UV Stabilized

PART NUMBER	HEIGHT	CARTON QTY	CARTON WEIGHT
SI-7512-025	0.25"	2000	17 Lbs.
SI-7512-050	0.50"	2000	20 Lbs.
SI-7512-075	0.75"	2000	26 Lbs.
SI-7512-100	1.00"	1000	24 Lbs.



SI-7512-075

DELTA CABLE SUPPORT SYSTEM

- No sharp edges on strap material
- Quick installation means lower installed cost
- UV stable material
- Versatile stackable spacer allows for one part to accommodate multiple height requirements

SPOOLS

PART NUMBER	LENGTH	CARTON QTY	CARTON WEIGHT
SI-7513	50'	10	10.55 Lbs.

LOCKING HEADS

PART NUMBER	INNER PACK	CARTON QTY	CARTON WEIGHT
SI-7513-LH	25	500	3.5 Lbs.

SPACERS

PART NUMBER	HEIGHT	INNER PACK	CARTON QTY	CARTON WEIGHT
SI-7512-ST	1/2"	100	500	7.5 Lbs.

PRECUT LENGTHS

PART NUMBER	LENGTH	INNER PACK	CARTON QTY	CARTON WEIGHT
SI-7513-10	10"	50	1000	29.1 Lbs.
SI-7513-13.5	13.5"	50	1000	31 Lbs.
SI-7513-16	16"	50	1000	36 Lbs.
SI-7513-22	22"	25	400	20 Lbs.
SI-7513-27	27"	25	500	25 Lbs.
SI-7513-40	40"	25	400	32 Lbs.

KITS

PART NUMBER	NUMBER OF SPOOLS	NUMBER OF LOCKING HEADS	CARTON WEIGHT
SI-7513K-10300	10	300	11.59 Lbs.
SI-7513K-5150	5	150	5.79 Lbs.
SI-7513K-5200	5	200	6.2 Lbs.
SI-7513K-5300	5	300	7 Lbs.

REINFORCING STRAP

- Used in poleline construction as an added support for suspension clamps
- Constructed of high quality steel; SI-0088A & SI-0088B are mechanically plated, J7905 & J7908 are hot-dip galvanized
- U.S. made versions available



PART NUMBER	STEEL SIZE	OFFSET	HOLE CENTERS	HOLE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0088A	1/8" x 1 & 1/2"	2 & 1/8"	5 & 7/8"	11/16"	100	8 & 1/2" x 8" x 4"	38.5 Lbs.
J7905	1/8" x 1 & 3/4"	2 & 1/8"	5 & 7/8"	5/8" x 11/16"	100	12 & 1/2" x 8 & 1/2" x 7"	40 Lbs.



WALL STRAP

- Wall straps are used for guying and deadending messenger strand to building walls
- J7692 is formed from 1 & 7/32" x 15/64" high quality steel, hot-dip galvanized
- J7692 is used to terminate strand at a right angle to the building wall
- A wire rope thimble is recommended to protect the strand when using a J7692 wall strap
- J7695 and J7696 terminate strand at the building corners
- J7695 and J7696 are made of 1 & 3/8" x 11/32" high quality steel, hot-dip galvanized, with a forged Thimble Eye®
- J7695 has two mounting holes and the J7696 has three, they are 9/16" diameter and spaced 8" from center to center



J7695

PART NUMBER	HEIGHT	CARTON QTY	CARTON WEIGHT
J7692	8"	40	32 Lbs.
J7695	16 & 7/8"	20	47 Lbs.
J7696	24 & 3/8"	15	48 Lbs.

STUDS

WASHER HEAD LAG STUD

- Used for light duty mounting of cable hangers and cable suspension clamps
- Stud end is manufactured with a forged square washer head and a roll threaded stud with assembled square nut
- Lag end has sharp rolled threads and a gimlet point
- Constructed of high quality steel, hot-dip galvanized



PART NUMBER	LAG SIZE	STUD SIZE	CARTON QTY	CARTON WEIGHT
J26315	7/8" x 5 & 1/2"	5/8" x 1 & 1/2"	40	47.2 Lbs.

THIMBLES

OPEN WIRE ROPE THIMBLE

- Provides a more desirable, larger wire seat diameter when terminating grips, deadend bails and cable to small diameter eye type fittings and bolts
- Constructed of high quality steel, hot-dip galvanized



PART NUMBER	SEAT DIAMETER	STRAND DIAMETER	OPENING WIDTH	EYE LENGTH	CARTON QTY	CARTON WEIGHT
J1057	7/8"	3/8"	5/8"	1 & 7/8"	500	45 Lbs.
J1058	1 & 1/8"	1/2"	3/4"	2"	250	43 Lbs.
J1059	1 & 1/4"	5/8"	15/16"	2 & 7/32"	100	33 Lbs.

WASHERS

ROUND WASHER

- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 6150

PART NUMBER	HOLE DIAMETER	OUTSIDE DIAMETER	THICKNESS	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-9024	1/4"	3/4"	0.063"	6400	12" x 9" x 5"	32 Lbs.
SI-9061	3/8"	1"	0.083"	2500	14" x 10" x 8"	50 Lbs.
J1084	7/16"	1"	0.083"	2500	9 & 1/2" x 9 & 1/2" x 7 & 1/2"	50 Lbs.
J1086	9/16"	1 & 3/8"	0.109"	1000	8 & 1/2" x 8 & 1/4" x 6 & 1/2"	27 Lbs.
J1088	11/16"	1 & 3/4"	0.134"	500	9" x 9" x 6"	30 Lbs.
J1089	13/16"	2"	0.148"	500	10" x 10" x 7"	50 Lbs.



SINGLE COIL, SPRING LOCK WASHER

- Designed to ensure a tight fit by keeping the bolt and nut assembly in tension
- Constructed of high quality spring steel
- U.S. made versions available

PART NUMBER	SIZE SECTION	FOR BOLT DIAMETER	CARTON QTY	CARTON WEIGHT	FINISH
J134	.141" x .094"	3/8"	5000	35 Lbs.	Hot-Dip Galvanized
J138	.171" x .125"	1/2"	2500	25 Lbs.	Hot-Dip Galvanized
J139	.203" x .156"	5/8"	2000	40 Lbs.	Hot-Dip Galvanized
J140	.234" x .188"	3/4"	1000	39 Lbs.	Hot-Dip Galvanized



DOUBLE COIL, SPRING LOCK WASHER

- Designed to compensate for wood shrinkage to help eliminate interference caused by loose hardware
- Constructed of high quality spring steel

PART NUMBER	SIZE SECTION	FOR BOLT DIAMETER	CARTON QTY	CARTON WEIGHT	FINISH
J175	.141" x .094"	3/8"	3000	30 Lbs.	Hot-Dip Galvanized
J176	.141" x .094"	1/2"	1500	40.3 Lbs.	Hot-Dip Galvanized
J177	.203" x .156"	5/8"	750	37.5 Lbs.	Hot-Dip Galvanized
J178	.234" x .188"	3/4"	500	35 Lbs.	Hot-Dip Galvanized



SPRING FORMED, STEEL WASHER

- Spring formed steel washers are used to keep units in tension when wood crossarm or wood pole shrinkage occurs
- Designed to enable the nut of a bolt to seat flat on the spring washer surface when it is compressed
- J3539 provides 1/2" of compression, all of the others provide 9/16" of compression
- Constructed of high quality spring steel, hot-dip galvanized

PART NUMBER	BOLT DIAMETER	MATERIAL SIZE	FORMED LENGTH	CARTON QTY	CARTON WEIGHT
J3539	1/2"	3/16" x 1"	2 & 7/16"	250	63 Lbs.
J3540	5/8"	1/4" x 1 & 3/4"	3 & 3/4"	50	44.2 Lbs.
J3541	3/4"	1/4" x 1 & 3/4"	3 & 3/4"	50	41 Lbs.
J3542	7/8"	1/4" x 1 & 3/4"	3 & 3/4"	50	43 Lbs.

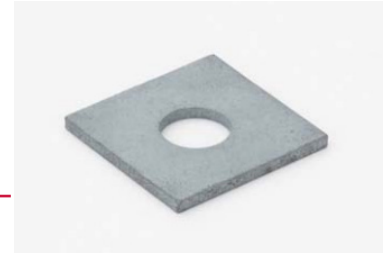


SQUARE FLAT WASHER

- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 6150

PART NUMBER	ALTERNATE	DIMENSIONS		HOLE	CARTON QTY	CARTON WEIGHT
		WIDTH	LENGTH	THICKNESS		
SI-9105	-	1.89"	1.89"	1/8"	3/4"	400 33 Lbs.
J1073	-	2"	2"	1/8"	9/16"	300 33 Lbs.
J1074	SI-9102	2"	2"	1/8"	11/16"	300 33 Lbs.
J1075	SI-9103	2 & 1/4"	2 & 1/4"	3/16"	11/16"	200 46 Lbs.
J1076	SI-9104	2 & 1/4"	2 & 1/4"	3/16"	13/16"	200 42 Lbs.
J1078	SI-9106	3"	3"	3/16"	13/16"	75 34 Lbs.
J1079	-	3"	3"	1/4"	13/16"	50 30.5 Lbs.
J1080	-	4"	4"	3/16"	13/16"	50 42 Lbs.
J1082	-	4"	4"	1/4"	15/16"	50 55 Lbs.
J1081	-	4"	4"	1/2"	1 & 1/8"	15 32 Lbs.

**SQUARE CURVED WASHER**

- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 6150

PART NUMBER	ALTERNATE	DIMENSIONS		HOLE	CARTON QTY	CARTON WEIGHT
		WIDTH	LENGTH	THICKNESS		
J6821	-	2 & 1/4"	2 & 1/4"	3/16"	11/16"	200 52 Lbs.
J6822	-	2 & 1/2"	2 & 1/2"	3/16"	11/16"	150 46.5 Lbs.
SI-9004	-	3"	3"	1/4"	11/16"	50 31 Lbs.
J113	-	3"	3"	1/4"	11/16"	50 31 Lbs.
J6823	-	3"	3"	1/4"	13/16"	50 29.5 Lbs.
J133	-	3 & 1/4"	3 & 1/4"	1/4"	13/16"	50 35.5 Lbs.
J6828	-	3 & 1/2"	3 & 1/2"	3/8"	15/16"	25 30 Lbs.
J6829	-	4"	4"	1/4"	15/16"	50 54 Lbs.
J6836	-	4"	4"	1/4"	13/16"	25 25 Lbs.
J6838	-	4"	4"	3/8"	13/16"	20 32 Lbs.

**WIRE****LASHING WIRE**

- Used to support CATV and telephone cable to messenger strand in aerial construction
 - Made from high strength noncorrosive stainless steel
- Wire is fully annealed and wax coated for ease of use

PART NUMBER	WIRE DIAMETER	COIL LENGTH	SS TYPE	COILS PER CARTON	CARTON WEIGHT
SI-9603	.045"	1200 ft.	430	6	37.68 Lbs.
SI-9607	.045"	1200 ft.	316	6	38.202 Lbs.
SI-9609	.045"	1200 ft.	302	6	38.31 Lbs.
SI-9610	.038"	1200 ft.	302	6	34.6 Lbs.



SPLICE WIRE FORM

- Used to join galvanized steel wire: Extra-High Strength, High Strength, Utilities Grade and Bell System Strand
- Holding strength of 100% of the published rating for the strands noted

MATERIAL: GALFAN®/BEZINAL® COATING

PART NUMBER	STRAND SIZE	ITEM LENGTH	COLOR CODE	CARTON QTY	CARTON WEIGHT
LS-S9104	1/4"	27"	Yellow	50	30 Lbs.
LS-S9106	5/16"	42"	Black	50	55 Lbs.
LS-S9107	3/8"	50"	Orange	25	35.75 Lbs.

**WIRE HOLDERS****NYLON ALLOY WIRE HOLDER**

- Insulator size: 1 & 3/8" Sq. x 2 & 7/16" long with a 7/8" x 1 & 1/16" opening
- Eliminates breaking and chipping problems associated with porcelain
- Flat top features an "egg carton" design for indexing and engagement into supplied installing tool for use with a 1/2" drive cordless drill
- Material: Wire Holder - Nylon alloy with reinforced fibers, UV stabilized
- Screw - High quality steel, hot-dip galvanized
- U.S. made versions available



PART NUMBER	LAG SCREW DIAMETER	NYLON COLOR	SCREW LENGTH	CARTON QTY	CARTON WEIGHT
J089Z	11/32 (#22)	Black	2 & 1/4"	50	11 Lbs.
J0893Z	11/32 (#22)	Black	3"	50	11.25 Lbs.
J0894Z	11/32 (#22)	Black	4"	50	11.25 Lbs.
J089ZG	11/32 (#22)	Gray	2 & 1/4"	50	9.75 Lbs.
J0893ZG	11/32 (#22)	Gray	3"	50	11 Lbs.
J0894ZG	11/32 (#22)	Gray	4"	50	9.75 Lbs.

SERVICE MAST, NYLON ALLOY

- Open slot for the bracket to be installed without disassembling the bolts
- Accommodates a range of 1 1/4" through 3" diameter pipe
- Dimensions of the nylon alloy insulator are the same as shown for the J089Z wire holders
- Material: Wire Holder - Nylon alloy with reinforced fibers, UV stabilized Clamp and Hardware - High quality steel, hot-dip galvanized
- U.S. made versions available



PART NUMBER	NYLON COLOR	CARTON QTY	CARTON WEIGHT
J0588Z	Black	25	27 Lbs.
J0588ZG	Gray	25	27.5 Lbs.

MacLean Senior Industries (MSI) Drop Hardware is engineered and manufactured to meet today's telephone and cable systems needs of offering more bandwidth intensive, two-way applications. MSI's Digital Drop System (DDS) Hardware is an integrated sequence of products from the tap to the subscriber's home, that is backed with installation training and support to assure the most cost effective and trouble free drop installation. Mechanical plating is per ASTM B695. Hot-dip galvanizing is per ASTM A153.

For technical support, installation information and special requirements please contact our Inside Sales Team at: 1-800-350-1650, or via e-mail at: sales@macleansenior.com

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ANCHORS

PLASTIC ANCHOR

- Used to retain screws in wallboard or concrete walls

PART NUMBER	SCREW SIZE	DRILL SIZE	LENGTH	BAG QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-00E6	#8-12	1/4" Ø	1 & 1/4"	1000	10,000	12" x 13" x 13"	16 Lbs.
SI-00E8	#12-16	5/16" Ø	1 & 1/2"	1000	10,000	17" x 14" x 15"	22.1 Lbs.
SI-00E9	#8-10	3/16" Ø	1"	100	1,000	19" x 14" x 10"	1 Lb.

SI-00E9



SI-00E6



SI-00E8



PLASTIC ANCHOR

- Consists of: corrosion resistant zinc plated steel screws, high quality plastic wall anchors, and one carbide drill bit
- Kit comes with a reusable clear plastic box

PART NUMBER	ITEMS IN KIT	KIT QTY	CARTON QTY	CARTON SIZE	KIT WEIGHT	CARTON WEIGHT
SI-SK-8	100-D 10 Plastic Anchors	100	50	19" x 19" x 15"	0.62 Lbs.	32 Lbs.
	100-#8 x 1" Slot Hex Tapping Screws	100				
	1 & 3/16" x 4" Masonry Drill Bit	1				
SI-SK-10	100-D 12 Plastic Anchors	100	50	7" x 3 & 1/2" x 1 & 1/2"	0.62 Lbs.	50 Lbs.
	100-#10 x 1" Slot Hex Tapping Screws	100				
	1 & 1/4" x 4" Masonry Drill Bit	1				

DRYWALL ANCHOR, SELF-DRILLING

- Used with #8 sheet metal screws
- Can be easily backed out
- Deep thread provides engagement in 3/8", 1/2" and 5/8" thick drywall
- No predrilling necessary

PART NUMBER	SCREW SIZE	GRIP RANGE	MIN. THREAD LENGTH	BAG QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-00E7	#8 x 1 & 1/2"	3/8" to 5/8"	1 & 1/2"	1000	10,000	14" x 14" x 8"	22 Lbs.



BRACKETS

CORNER WALL BRACKET

- Used to deadend messenger drop cable at the building
- Constructed of high quality steel, mechanically plated

A QUALIFIED DDS ITEM

PART NUMBER	OVAL RETAINER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0064	No	50	9" x 7" x 6"	11.03 Lbs.
SI-0064R	Yes	50	9" x 7" x 6"	13.63 Lbs.



CABLE TIES

- Used to support drop cables on the strand, pedestal, lock box, or bundling of cables at the head end
- Made of soft aluminum
- Smooth edges to prevent damage to cable
- Reusable with integral buckle

A QUALIFIED DDS ITEM

PART NUMBER	OVAL RETAINER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0939-7	7" x 1/4"	1000	9" x 5" x 5"	4 Lbs.
SI-0939-10	10" x 1/4"	1000	9" x 5" x 5"	1 Lbs.
SI-0939-12	12" x 1/4"	1000	16" x 8" x 6"	2 Lbs.



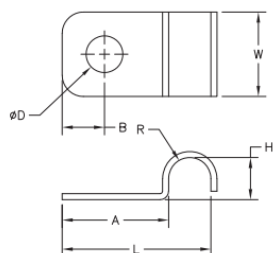
CLAMPS

CABLE CLAMP

- Used to support cable, conduit or pipe to buildings and other surfaces
- Constructed of high quality steel, mechanically plated

Bellcore Specification: 6933

PART NUMBER	SIZE	H	R	DIMENSIONS					PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6934-3	3/16	.188	.094	.724	.500	.63	.218	.25	500	4000	10 & 1/4" x 10 & 1/4" x 8"	21 Lbs.
SI-6934-4	1/4	.250	.125	.880	.500	.63	.218	.25	500	2000	10 & 1/4" x 10 & 1/4" x 8"	12 Lbs.
SI-6934-5	5/16	.312	.156	.942	.500	.63	.218	.25	500	2000	10 & 1/4" x 10 & 1/4" x 8"	18 Lbs.
SI-6934-6	3/8	.375	.188	1.005	.500	.63	.218	.25	500	2000	10 & 1/4" x 10 & 1/4" x 8"	20 Lbs.
SI-6934-7	7/16	.438	.219	1.068	.500	.63	.218	.25	500	2000	10 & 1/4" x 10 & 1/4" x 8"	23 Lbs.
SI-6934-8	1/2	.500	.250	1.130	.500	.63	.218	.25	250	1000	10 & 1/4" x 10 & 1/4" x 8"	14 Lbs.
SI-6934-9	9/16	.563	.282	1.193	.500	.63	.218	.25	100	1600	10 & 1/4" x 10 & 1/4" x 8"	22.4 Lbs.
SI-6934-10	5/8	.625	.313	1.255	.500	.63	.218	.25	50	800	10 & 1/4" x 10 & 1/4" x 8"	13 Lbs.
SI-6934-12	3/4	.750	.375	1.500	.750	.75	.281	.30	100	400	10 & 1/4" x 10 & 1/4" x 8"	15 Lbs.
SI-6934-16	1	1.000	.500	1.870	.750	.87	.281	.35	50	200	10 & 1/4" x 10 & 1/4" x 8"	8 Lbs.
SI-6934-18	1 1/8	1.125	.562	1.995	.875	.87	.281	.35	50	200	10 & 1/4" x 10 & 1/4" x 8"	17 Lbs.
SI-6934-20	1 1/4	1.250	.625	1.250	.875	1.00	.281	.40	25	100	10 & 1/4" x 10 & 1/4" x 8"	10.3 Lbs.

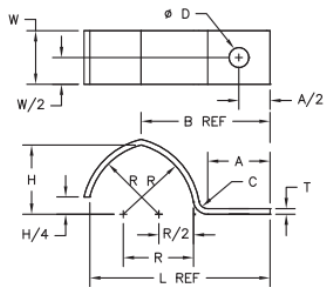


CABLE CLAMP

- Used to support cable, conduit or pipe to buildings and other surfaces
- Constructed of high quality steel, mechanically plated

Bellcore Specification: 6933

PART NUMBER	DIMENSIONS								PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
	A	B	C	D	H	L	R	W				
SI-6933-1	.312	.444	.031	.203	.093	.514	.093	.312	10	10000	16" x 16" x 16"	15 Lbs.
SI-6933-3	.312	.528	.031	.203	.188	.669	.188	.312	10	10000	12" x 12" x 8"	23 Lbs.
SI-6933-4	.312	.605	.062	.203	.250	.792	.250	.500	50	3000	14" x 5" x 6"	18 Lbs.
SI-6933-6	.438	.802	.062	.265	.344	1.060	.344	.500	50	3000	12" x 12" x 8"	20 Lbs.
SI-6933-8	.438	.872	.062	.280	.438	1.200	.438	.750	50	1500	12" x 12" x 8"	18.45 Lbs.
SI-6933-10	.500	1.091	.125	.280	.563	1.513	.563	.750	25	2000	12" x 12" x 8"	30 Lbs.
SI-6933-13	.625	1.372	.125	.280	.750	1.934	.750	.750	20	1500	12" x 12" x 8"	40 Lbs.
SI-6933-17	.875	1.828	.125	.280	.938	2.578	1.000	.750	25	1000	12" x 12" x 8"	60 Lbs.
SI-6933-21	1.188	2.412	.125	.280	1.250	3.396	1.312	.750	10	500	12" x 12" x 8"	63 Lbs.
SI-6933-30	1.188	2.740	.125	.280	1.688	4.052	1.750	.750	10	500	12" x 12" x 8"	65 Lbs.



PLASTIC CABLE CLAMP

- Secures cable to wood, masonry or metal surfaces
- Made of black nylon

PART NUMBER	INNER DIAMETER	CLAMP MOUNTING HOLE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0936	1/2"	11/64"	100	4" x 4" x 4"	0.3 Lb.
SI-0937	3/4"	11/64"	100	6" x 4" x 4"	0.5 Lb.



DROP POLE CLAMP

- Used to suspend messengered drop cable at service pole while keeping the messenger strand wire intact for bonding purposes
- Retainer ring provides 1" diameter wrap to secure the messenger wire
- Constructed of high quality steel, mechanically plated



PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0975	100	14" x 5" x 6"	18.9 Lbs.

DROP WIRE CLAMP

- Used to strain relieve telephone drop wire
- Designed to be used to support 1 through 6 pair drop wires
- Removable
- Stainless steel or aluminum construction, metal or plastic shim
- 3 piece or 2 piece (captive shim) construction

PART NUMBER	ALTERNATIVE	SHIM MATERIAL	SHIM REMOVABLE	SHIM MATERIAL	NUMBER OF PAIRS/CLAMP	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0956	-	Stainless Steel	Removable	Stainless Steel	2	250	9 & 1/2" x 8 & 1/4" x 7 & 1/2"	26 Lbs.
-	2PRMS-25	Stainless Steel	Removable	Stainless Steel	2	500	17 & 1/2" x 1 & 1/4" x 7 & 1/2"	46 Lbs.
SI-0956P	-	Stainless Steel	Removable	Plastic	2	250	9 & 1/2" x 8 & 1/4" x 7 & 1/2"	22.5 Lbs.
SI-0959	-	Aluminum	Removable	Aluminum	2	250	10 & 1/2" x 8 & 1/2" x 6 & 1/2"	16.5 Lbs.
SI-0966	6PRDS	Stainless Steel	Removable	Stainless Steel	6	200	13" x 11" x 8"	34 Lbs.



Patented captive shim design prevents incorrect installation

FIBER OPTIC DROP CLAMP

- Rated at 450 lbs tensile force
- Designed for Corning SST, Corning ROC, Superior Essex, TE flat drop
- Black finish

PART NUMBER	CABLE SIZE	MATERIAL	SHIM	STD PACK	CARTON WEIGHT
SI-0972SBL	.320" W x .200" H	Stainless Steel	Removable	250	23 Lbs.
SI-0972SBV	.320" W x .200" H	Stainless Steel	Captive	250	23 Lbs.



FIBER OPTIC DROP CLAMP

- Rated at 450 lbs tensile force
- Designed for Corning SST, Corning ROC, Superior Essex, TE flat drop
- Black finish

PART NUMBER	CABLE SIZE	MATERIAL	SHIM	STD PACK	CARTON WEIGHT
SI-0972SBC	.320" W x .200" H	Stainless Steel	Removable	250	23 Lbs.



FIBER OPTIC DROP CLAMP

- Rated at 800 lbs tensile force
- Designed for Sumitomo Pure Fit 36
- Black finish

PART NUMBER	CABLE SIZE	MATERIAL	SHIM	STD PACK	CARTON WEIGHT
SI-0966PS	.600" W x .300" H	Stainless Steel	Removable	200	35 Lbs.
SI-0966SBV	.600" W x .300" H	Stainless Steel	Captive	200	35 alabs.



FIBER OPTIC DROP CLAMP

- Rated at 200 lbs tensile force
- Designed for Sumitomo elliptical fiber drops
- Silver finish

PART NUMBER	MATERIAL	SHIM	STD PACK	CARTON WEIGHT
SI-0972	Stainless Steel	Removable	100	14 Lbs.



FIBER OPTIC DROP CLAMP (LONG SPAN)

- Designed for long span applications
- SI-0978
 - Rated at 800 lbs for Corning long span ROC
 - Rated at 1000lbs for Corning long span SST
- SI-0978
 - Rated at 800 lbs for Corning long span RPX (24f)
 - Rated 1400 lbs for Corning long span RPX (144F)
- Black finish

PART NUMBER	CABLE SIZE	MATERIAL	SHIM	BAIL	STD PACK	CARTON WEIGHT
SI-0978	0.480" W x .200" H	Stainless Steel	Removable	Open	50	28 Lbs.
SI-0979	.71" W x .34" H	Stainless Steel	Removable	Open	60	31 Lbs.



MESSENGER DROP CLAMP

- Used to support messenger drop cable between the pole, mid-span and house
- Accepts RG 6, RG 6Q, RG 11 and RG 59, with .061" or .072" diameter messenger wire
- Stainless steel wire, aluminum body
- 500 Lbs. pull capacity
- SI-0969HD heavy duty model for long drops or where high loading conditions are required
- Available with insulator adapter
- Patented

A QUALIFIED DDS ITEM

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0969	500	9" x 7" x 7"	24.5 Lbs.
SI-0969HD	400	14" x 14" x 9"	26 Lbs.
SI-0969INS	100	9 & 1/2" x 9 & 1/2" x 7 & 1/2"	7 Lbs.
SI-0969INS-1	500	14" x 14" x 10"	12.5 Lbs.



SPAN CLAMP

- Used for mid-span drop wire take-offs
- Will hold cable away from obstacles in the line of aerial drops

C SPAN CLAMP

- Designed for 1/4" to 3/8" messenger strand
- Plates are constructed of 1/4" aluminum
- Bolt/hook is made of high quality steel, mechanically plated

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0952	200	10" x 9" x 7"	48.6 Lbs.



E SPAN CLAMP

- Used for mid-span drop wire take-offs
- Designed for 1/4" to 5/16" steel strand
- Will hold cable away from obstacles in the line of aerial construction
- Constructed of high quality steel, hot-dip galvanized

Bellcore Specification: 8391

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0024	100	9" x 6" x 5"	42 Lbs.



O SPAN CLAMP

- Designed for 1/4" to 3/8" steel strand
- Plates are constructed of 1/4" aluminum
- Bolt is made of high quality steel, mechanically plated

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0514	200	9" x 6" x 5"	44.2 Lbs.



Q SPAN CLAMP

- Designed for 1/4" to 5/16" steel strand
- Constructed of high quality steel, mechanically plated

A QUALIFIED DDS ITEM

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0513MB	120	13" x 6" x 6"	24 Lbs.

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0513	120	14" x 5" x 6"	19.44 Lbs.



MULTI-SPAN CLAMP

- Designed for 1/4" messenger strand
- Provides fast, easy mid-span take-offs for service drops
- Multi-directional span clamp
- Constructed of high quality steel, mechanically plated

A QUALIFIED DDS ITEM

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0515	100	14" x 5" x 6"	23.2 Lbs.
SI-0515MB	120	14" x 5" x 6"	24 Lbs.



STANDARD SPAN CLAMP

- Designed for use in mid-span service take-offs in one or more directions for either lashed or self-supported cable
- Designed for use with "p" type or Wirevise® drop hardware

A QUALIFIED DDS ITEM

PART NUMBER	CARTON SIZE	CARTON WEIGHT
5577	200	34 Lbs.



WEDGE CLAMP

- Wedge clamps are mechanical holding devices used for strain relief in service applications
- Wedge clamps are available with a variety of bail lengths and styles as well as with Irridited finish for contaminated areas
- Designed for low tension applications only
- Flexible bails are available and designed for use with hooks and eyes



PART NUMBER	BAIL DESCRIPTION	ACSR ASTM-B232	AAAC ASTM-B399	AAC ASTM-B231	CONDUCTOR DIA. RANGE RANGE	MECHANICAL RATINGS	CARTON QTY	CARTON WEIGHT
7195	6-1/2" solid stainless steel	#2 - #6	#2 - #6	#1 - #6	.160-.330	1000 Lbs.	100	13 Lbs.
7195-I	6-1/2" solid stainless steel with irrilited finish on wedge and shell	#2 - #6	#2 - #6	#1 - #6	.160-.330	1000 Lbs.	100	16 Lbs.
7196	11" solid stainless steel	#2 - #6	#2 - #6	#1 - #6	.160-.330	1000 Lbs.	50	7.4 Lbs.
7195-F	12" flexible nylon jacket galvanized aircraft strand	#2 - #6	#2 - #6	#1 - #6	.160-.330	1000 Lbs.	100	13 Lbs.
7195-FI	12" flexible nylon jacket galvanized aircraft strand with irrilited finish on wedge and shell	#2 - #6	#2 - #6	#1 - #6	.160-.330	1000 Lbs.	100	16 Lbs.
7195-FL	12" flexible nylon jacket galvanized aircraft strand less ferrule	#2 - #6	#2 - #6	#1 - #6	.160-.330	1000 Lbs.	100	16 Lbs.
7187	6 1/2" solid stainless steel	1/0 - #4	1/0 - #4	2/0 - #2	.250-.414	1200 Lbs.	50	12.5 Lbs.
7187-I	6 1/2" solid stainless steel with irrilited finish on wedge and shell	1/0 - #4	1/0 - #4	2/0 - #2	.250-.414	1200 Lbs.	50	14 Lbs.
7188	11" solid stainless steel	1/0 - #4	1/0 - #4	2/0 - #2	.250-.414	1200 Lbs.	25	12.5 Lbs.
7187-F	12" flexible nylon jacket galvanized aircraft strand	1/0 - #4	1/0 - #4	2/0 - #2	.250-.414	1200 Lbs.	25	6.25 Lbs.
7187-FI	12" flexible nylon jacket galvanized aircraft strand with irrilited finish on wedge and shell	1/0 - #4	1/0 - #4	2/0 - #2	.250-.414	1200 Lbs.	25	8 Lbs.
7187-FL	12" flexible nylon jacket galvanized aircraft strand less ferrule	1/0 - #4	1/0 - #4	2/0 - #2	.250-.414	1200 Lbs.	25	9 Lbs.
7197	6-1/2" solid stainless steel	4/0 - 2/0 1/0*	4/0 - 2/0	4/0 - 2/0	0.414	1800 Lbs.	50	12 Lbs.
7198	11" solid stainless steel	4/0 - 2/0 1/0*	4/0 - 2/0	4/0 - 2/0	0.414	1800 Lbs.	25	9 Lbs.
7197-F	12" flexible nylon jacket galvanized aircraft strand	4/0 - 2/0 1/0*	4/0 - 2/0	4/0 - 2/0	0.414	1800 Lbs.	25	8 Lbs.
7197-FI	12" flexible nylon jacket galvanized aircraft strand with irrilited finish on wedge	4/0 - 2/0 1/0*	4/0 - 2/0	4/0 - 2/0	0.414	1800 Lbs.	25	8 Lbs.
7197-FL	12" flexible nylon jacket galvanized aircraft strand less ferrule	4/0 - 2/0 1/0*	4/0 - 2/0	4/0 - 2/0	0.414	1800 Lbs.	25	8 Lbs.

Notes:

1. Suffix "I" irrilited finish on wedge and shell
2. Flexible bails are for use on hooks and small eyes. Sold stainless bails are for use on eye hooks and insulators with diameters larger than 1.5"
3. * - 1/0 Conductor use is 500 Lbs. maximum
4. For other options, consult factory

CLIPS

BASEBOARD CLIP

- Used to secure coaxial cable or twisted pair wire to baseboard
- Steel construction, enamel coated
- Patent pending
- Add suffix to part number to denote color: N = Neutral, W = White, B = Black



A QUALIFIED DDS ITEM

PART NUMBER	CABLE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0991	RG 6	1000	6" x 4" x 4"	15 Lbs.
SI-0992	RG 6 Quad	1000	6" x 4" x 4"	4 Lbs.
SI-0993	Telephone	1000	6" x 4" x 4"	4 Lbs.
SI-0994	Category 5	1000	6" x 4" x 4"	15 Lbs.

CABLE CLIP

- Used to secure drop cable to wood or masonry surfaces
- Patent Pending
- Constructed of high quality steel, mechanically plated with pre-inserted self-tapping screw, drive pin, or hardened nail



A QUALIFIED DDS ITEM

PART NUMBER	CABLE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0989-6	RG 6	1000	9" x 7" x 6"	14 Lbs.
SI-0989-6Q	RG 6 Quad	1000	9" x 7" x 6"	15 Lbs.
SI-0989-11	RG 11	1000	9" x 7" x 6"	16 Lbs.
SI-0989-59	RG 59	1000	9" x 7" x 6"	14 Lbs.
SI-0989D-6	RG 6	1000	9" x 7" x 6"	11.8 Lbs.
SI-0989D-6Q	RG 6 Quad	1000	9" x 7" x 6"	14 Lbs.
SI-0989D-11	RG 11	1000	9" x 7" x 6"	16 Lbs.
SI-0989D-59	RG 59	1000	9" x 7" x 6"	14 Lbs.
SI-0989N-6	RG 6	1000	9" x 7" x 6"	14 Lbs.
SI-0989N-6Q	RG 6 Quad	1000	9" x 7" x 6"	14 Lbs.
SI-0989N-11	RG 11	1000	9" x 7" x 6"	16 Lbs.
SI-0989N-59	RG 59	1000	9" x 7" x 6"	14 Lbs.

U CABLE CLIP

- Used to secure drop cables to wood or masonry surfaces
- Constructed of soft aluminum for pliability



A QUALIFIED DDS ITEM

PART NUMBER	CABLE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0988-6	RG 6	1000	6" x 6" x 6"	1 Lb.
SI-0988-6G	#6 AWG	1000	6" x 6" x 6"	1 Lb.
SI-0988-11	RG 11	1000	6" x 6" x 6"	2 Lbs.
SI-0988-12G	#12 AWG	1000	6" x 6" x 6"	1 Lb.
SI-0988-59	RG 59	1000	6" x 6" x 6"	2 Lbs.
SI-0988-C5	Category 5	1000	5" x 6" x 5"	1 Lb.

E DROP WIRE CLIP

- Used to secure drop wire to wood or masonry surfaces
- Constructed of high quality steel, mechanically plated

Bellcore Specification: 7590

PART NUMBER	ALTERNATE	CLIP SIZE	MAX. CABLE SIZE (HEIGHT X WIDTH)	BAG QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
RE	-	1 Pr.	.160" x .300"	50	2000	10 & 3/4" x 9" x 7"	24 Lbs.
SI-0987	-	2 Pr.	.200" x .390"	50	3000	14" x 14" x 8"	27 Lbs.
-	RE2	2 Pr.	.200" x .390"	-	3000	13" x 13" x 8"	27 Lbs.
SI-0987-6	-	6 Pr.	.250" x .550"	50	900	10" x 10" x 6 & 1/2"	11.7 Lbs.
-	RE6	6 Pr.	.250" x .550"	-	900	13" x 13" x 8"	18 Lbs.



SC DROP WIRE CLIP

- Used to loop and hold a drop wire to itself for snub attachments
- Constructed of aluminum
- Ordinary pliers are used to fasten the clip to the drop wire

Bellcore Specification: 7226

PART NUMBER	ALTERNATE	CLIP SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0984	-	6 Pr.	1000	18" x 14" x 14"	15 Lbs.
	D6	6 Pr.	1000	10 & 3/4" x 9" x 7"	15 Lbs.
SI-0985	-	2-3 Pr.	1000	12" x 6" x 6"	6 Lbs.
	D2	2-3 Pr.	1000	14 & 1/2" x 10" x 5 & 1/2"	6 Lbs.
SI-0986	-	1-2 Pr.	1000	18" x 16" x 14"	5 Lbs.
	-				



S CLIP

- Prevents messenger wire from separating from the drop cable
- Constructed of soft aluminum

PART NUMBER	CABLE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0990	RG 6	1000	6" x 6" x 6"	5 Lbs.
SI-0990-2	RG 11	1000	6" x 6" x 6"	5 Lbs.



CONNECTORS

WIRELINK® AND WIREWISE® CONNECTOR

- Wirelink® and Wirewise® Connectors are used to splice/deadend galvanized steel messenger mid-span of a service drop
- Minimum holding strength is 90% RBS of wire specified
- Designed to support both ends of self-supporting multi-pair drop wire that uses a solid galvanized steel messenger wire that is integrated into the jacket in a figure-8 configuration



WIRELINK® CONNECTOR

PART NUMBER	OVERALL LENGTH	OVERALL WIDTH	WIRE RANGE		CARTON QTY	CARTON WEIGHT
			IN	MM		
5057/5057N	2.94"	0.30"	.062 - .100	1.4 - 2.6	400	12 Lbs.
			16 USSWG	16 BWG		
			15 USSWG	15 BWG		
			14 USSWG	14 BWG		
			13 USSWG	13 BWG		
5059/5059N	2.94"	0.43"	.091 - .114	2.3 - 2.9	400	16 Lbs.
			13 USSWG	13 BWG		
			12 USSWG	12 BWG		
5063	4.06"	0.55"	.120 - .135	3.1 - 3.5	400	28 Lbs.
			11 USSWG	11 BWG		
			10 USSWG	10 BWG		
5039	7.50"	1.03"	.140 - .215	3.7 - 5.5	50	20 Lbs.
			9 USSWG	9 BWG		
			8 USSWG	8 BWG		
			7 USSWG	7 BWG		
			6 USSWG	6 BWG		
			5 USSWG			



N denotes Polyolefin covered Wirelink version

WIREWISE® CONNECTOR

PART NUMBER	OVERALL LENGTH	OVERALL WIDTH	OVERALL WIDTH	WIRE RANGE		CARTON QTY	CARTON WEIGHT
				IN	MM		
5056	5.5"	1.55"	1.60"	.062 - .100	1.4 - 2.6	100	6 Lbs.
				16 USSWG	16 BWG		
				15 USSWG	15 BWG		
				14 USSWG	14 BWG		
				13 USSWG	13 BWG		
5058	5.50"	1.47"	1.60"	.091 - .114	2.3 - 2.9	100	7 Lbs.
				13 USSWG	13 BWG		
				12 USSWG	12 BWG		
5062	7.70"	2.46"	1.50"	.120 - .135	3.1 - 3.5	100	12 Lbs.
				11 USSWG	11 BWG		
				10 USSWG	10 BWG		
5199	10.20"	4.66"	1.60"	.140 - .215	3.7 - 5.5	50	18 Lbs.
				9 USSWG	9 BWG		
				8 USSWG	8 BWG		
				7 USSWG	7 BWG		
				6 USSWG	6 BWG		
				5 USSWG			



5056T available for smaller wire range of .062" - .088"

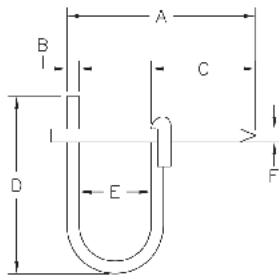
DRIVE PINS & RINGS

DRIVE RING

- Used for temporary or permanent support of drop wires
- Constructed of high quality steel, mechanically plated for durability

Bellcore Specification: 6835

PART NUMBER	LENGTH	DIMENSIONS						PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
		A	B	C	D	E	F				
SI-6861	1/2"	2 & 1/16"	.125"	1 & 3/8"	3/4"	1/2"	.120"	50	500	16" x 8" x 6"	5 Lbs.
SI-6862	5/8"	2 & 1/4"	.135"	1 & 7/16"	1 & 1/8"	5/8"	.165"	50	400	16" x 8" x 6"	11.2 Lbs.
SI-6862L	5/8"	2 & 3/4"	.135"	1 & 15/16"	1 & 1/8"	5/8"	.165"	50	400	9 & 1/2" x 9 & 1/2" x 7 & 1/2"	9.92 Lbs.
SI-6863	7/8"	2 & 9/16"	.177"	1 & 1/2"	2 & 1/16"	7/8"	.165"	25	200	16" x 8" x 6"	10.8 Lbs.
SI-6863L	7/8"	3 & 1/16"	.177"	2"	2 & 1/16"	7/8"	.165"	25	200	14" x 4 & 1/2" x 7"	9 Lbs.
SI-6864	1 & 1/4"	2 & 15/16"	.192"	1 & 5/8"	2 & 3/4"	1 & 1/4"	.203"	25	100	6" x 8" x 14"	8.7 Lbs.
SI-6864L	1 & 1/4"	2 & 1/8"	.192"	3 & 7/16"	2 & 3/4"	1 & 1/4"	.203"	25	100	14" x 7 & 1/2" x 5 & 3/4"	7.52 Lbs.



HOOKS

DROP WIRE HOOK

- Specially shaped hook for attaching drop wire clamps or drop wires to houses
- Constructed of high quality steel, mechanically plated

Bellcore Specification: 6530

PART NUMBER	ALTERNATE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-1130	5519	400	6 & 1/2" x 5" x 4 & 1/2"	24.8 Lbs.



DROP WIRE CONDUIT BRACKET

- Steel Construction
- Mechanically galvanized
- Drop wire hook (SI-1130) can accept multiple drops
- Comcast CIFA 114287

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-1132	2" to 3"	20	6.1 Lbs.



HOUSE HOOK

- Used to secure drop cable or steel messenger wire at the pole or house
- Constructed of high quality steel, mechanically plated for maximum corrosion protection

A QUALIFIED DDS ITEM

PART NUMBER	HOOK TYPE	PLATING TYPE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0010CW	Wrenchable P Hook, 4 & 1/2"	Mech.	600	9" x 7" x 7"	40.8 Lbs.
SI-0010WXL	Wrenchable P Hook, 6 & 1/2"	Mech.	100	7" x 7" x 3 & 1/2"	8.18 Lbs.
SI-0012	T House Hook, 3 Hole	Mech.	100	9" x 7" x 6"	9.9 Lbs.
SI-0012-ANG	T House Hook, Angled	Hot Dip	100	9" x 7" x 6"	10 Lbs.
SI-0012-COR	T House Hook, Corner	Hot Dip	100	9" x 7" x 6"	41 Lbs.
SI-0014	T House Hook Corner with Oval Retainer	Mech.	100	9" x 7" x 6"	13 Lbs.

PART NUMBER	HOOK TYPE	PLATING TYPE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0010	P Type, 3 & 3/4"	Mech.	600	5" x 5" x 3"	33.6 Lbs.
SI-0010L	P Type, 4 & 1/2"	Mech.	600	6" x 6" x 4"	37.8 Lbs.
SI-0011	J Type Hook, 4"	Mech.	500	13" x 9" x 5"	40 Lbs.



NUTS

HEX LOCKNUT, NYLON INSERT

- Also known as elastic locknut
- Right-hand thread
- Resistant to vibration
- Nylon insert operating temperature up to 250° F
- Standard Hex - Grade 2 zinc-plated steel

PART NUMBER	THREAD SIZE	HEX WIDTH	NUT HEIGHT	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-5357	1/4" - 20	7/16"	5/16"	200	2000	16" x 8" x 6"	15.6 Lbs.



SERRATED FLANGE LOCKNUT

- For use with Grade 2 bolts and screws
- Ridges formed on the mating face of flange to lock into the workpiece surface and prevent nut from turning
- Full thread surface contact for large load-bearing strength, vibration and impact resistance
- Grade 2 Zinc-plated steel

PART NUMBER	NUT HEIGHT	HEX WIDTH	NUT HEIGHT	FLANGE DIAMETER	FLANGE THICKNESS	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-5358	1/4" - 20	7/16"	15/64"	37/64"	.040"	200	3200	9" x 9" x 6"	28.8 Lbs.



SCREWS

HEX HEAD CAP SCREW

- For use with Grade 2 Nuts
- 500 hours salt fog spray resistant per ASTM B117
- Right-hand thread direction, Class 2A
- Additional sizes available upon request
- Fully threaded, Grade 2 ZincChromate Steel

PART NUMBER	THREAD SIZE	THREAD LENGTH	HEX WIDTH	HEAD HEIGHT	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6043	1/4" - 20	5/8"	7/16"	5/32"	3200	3" x 3" x 4"	47 Lbs.



DRYWALL SCREW

- For attaching drywall to wood studs
- No predrilling needed
- Constructed of high quality steel, black phosphate finish
- #2 driver size
- Standard, phillips drive, countersunk bugle head, sharp point
- Additional sizes available upon request

PART NUMBER	SIZE	LENGTH	THREAD TYPE	HEAD DIAMETER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6044	#6	1 & 1/4"	Coarse	.315"	100	3" x 3" x 4"	0.5 Lb.



LAG SHIELD

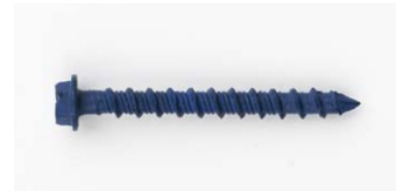
- Constructed of rustproof zinc alloy
- Consists of 2 alloy sleeves held together by interlocking tabs
- Used for hard masonry
- Tapered rings provide additional holding power in softer base materials
- Internal threads to mate with lag screw threads for attaching cable clamps, terminals, lock boxes to concrete, hollow block and brick



PART NUMBER	SIZE	HOLE SIZE	LENGTH	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-LS-14	1/4" Short	1/2"	1"	1000	13" x 9" x 5"	18 Lbs.
SI-LS-516	5/16" Long	1/2"	1 & 3/4"	100	6" x 4" x 4"	2.8 Lbs.

MASONRY SCREW

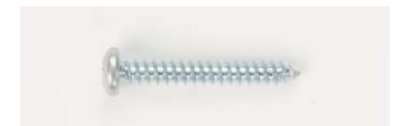
- Constructed of hardened steel, blue climaseal finish
- Excellent for wood or concrete
- No need to pre-spot holes
- Can be removed and reinstalled
- Additional sizes available upon request



PART NUMBER	ANCHOR DIAMETER	THREAD LENGTH	HEX HEAD SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6042	3/16"	1 & 3/4"	1/4"	2100	3" x 3" x 4"	21 Lbs.
SI-6052	1/4"	1 & 3/4"	5/16"	1200	3" x 3" x 4"	19 Lbs.

PAN HEAD TAPPING SCREW

- Constructed of high quality steel, zinc plated
- No predrilling required
- Phillips pan head
- Additional sizes available upon request



PART NUMBER	THREAD SIZE	THREAD LENGTH	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6049	#6	1"	2100	11" x 10" x 6"	9.723 Lbs.

SELF-TAPPING SCREW

- Constructed of high quality steel, zinc plated
- No predrilling required
- Slotted hex washer head
- Additional sizes available on request



PART NUMBER	THREAD SIZE	THREAD LENGTH	HEX HEAD SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6046	8-18	1 & 1/4"	1/4"	2100	11" x 10" x 6"	15.75 Lbs.
SI-6048	8-18	1"	1/4"	3500	11" x 10" x 6"	16.975 Lbs.
SI-6051	8-18	1/2"	1/4"	7400	11" x 10" x 6"	29.304 Lbs.
SI-6053	8-18	1 & 1/2"	1/4"	2100	11" x 10" x 6"	15.729 Lbs.

STAKES

MOBILE HOME POST

- Provides a communications access point when it's separate from or off premise
- Adjustable faceplate mounting positions allow for multiple height application, ranging from 36-48" in length
- Faceplate design accommodates a wide variety of ONT's, NID's, or other premise access devices
- Constructed of high quality steel, Telecom grade protective powder coating

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-MHP-3648	10	35" x 10" x 3"	36.7 Lbs.



PEDESTAL STAKE

- Provides support for communications pedestals
- 42" length
- Prevents pedestal from falling over by providing a secure center support
- Constructed of high quality steel
- Green Telecom grade protective powder coating matches communications pedestals and cabinets

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-PS-42	10	43.5" x 9" x 2.5"	29.9 Lbs.



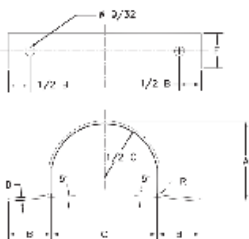
STRAPS

CABLE STRAP

- Used to secure cable, pipe and conduit to various surfaces
- Constructed of high quality steel, mechanically plated

Bellcore Specification: 6344

PART NUMBER	A	B	C	F	R	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6344-9	13/32"	5/8"	9/16"	5/8"	3/32"	25	1000	14" x 10" x 8"	22 Lbs.
SI-6344-11	9/16"	3/4"	11/16"	5/8"	1/8"	25	1000	14" x 10" x 8"	20 Lbs.
SI-6344-13	11/16"	3/4"	13/16"	3/4"	1/8"	25	1000	14" x 10" x 8"	28 Lbs.
SI-6344-16	7/8"	7/8"	1"	3/4"	3/16"	25	500	14" x 10" x 8"	26.45 Lbs.
SI-6344-20	1 & 1/16"	1"	1 & 1/4"	3/4"	3/16"	25	500	14" x 10" x 8"	35.3 Lbs.
SI-6344-24	1 & 5/16"	1"	1 & 1/2"	3/4"	3/16"	25	500	14" x 10" x 8"	30.5 Lbs.
SI-6344-30	1 & 5/8"	1 & 1/8"	1 & 7/8"	7/8"	1/4"	25	200	14" x 10" x 8"	16.8 Lbs.
SI-6344-36	2"	1 & 1/8"	2 & 1/4"	7/8"	1/4"	25	200	14" x 10" x 8"	26 Lbs.
SI-6344-42	2 & 3/8"	1 & 1/8"	2 & 5/8"	7/8"	1/4"	25	200	14" x 10" x 8"	26.6 Lbs.
SI-6344-56	3"	1 & 1/4"	3 & 1/2"	1"	3/8"	25	100	14" x 10" x 8"	26.4 Lbs.
SI-6344-64	3 & 1/2"	1 & 1/4"	4"	1"	3/8"	25	100	14" x 10" x 8"	25.57 Lbs.



SERVICE MAST STRAP

- Used to deadend drop cable at the house power service mast
- Constructed of high quality steel, mechanically plated for maximum corrosion protection

PART NUMBER	TYPE	LENGTH	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0015	Galvanized Steel	13 & 1/2"	100	18" x 9" x 7"	21 Lbs.
SI-0015-1	Buckle only	-	100	7" x 5" x 5"	14.4 Lbs.



TAGS

ID TAGS

- Used to identify cables
- Made of aluminum
- Smooth edges to prevent injury or damage to cable
- Available with paint (contact factory for color options)

A QUALIFIED DDS ITEM

PART NUMBER	TYPE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-TAG-101	Reusable with integral buckle	1000	5" x 5" x 6"	5.1 Lbs.
SI-TAG-102	Center hole accommodates up to RG 6Q cable for use in MDV applications	1000	5" x 5" x 6"	6 Lbs.

SI-TAG-101



SI-TAG-102

WIRE LOOPS

C WIRE LOOP

- Used with drive pins to secure drop wire to wood or masonry surfaces
- Constructed of high quality steel, mechanically plated

Bellcore Specification: 7887

PART NUMBER	SIZE	PID NUMBER	CARTON QTY	CARTON WEIGHT
SI-4612	1 & 1/4"	400 491 619	900	59.4 Lbs.



MacLean Senior Industries (MSI) Bonding & Grounding Products are engineered and manufactured in accordance with the National Electric Code and are UL and CSA listed.

From the first choice for bond attachment to the last alternative, MSI products offer reliable solutions and ease of installation, backed with installation training to ensure the bonding effectiveness at all times.

MacLean Senior Industries' rigid quality assurance program assures all materials, manufacturing processes, and critical dimensions conform to ASTM, ANSI and other applicable standards, as well as the proprietary MSI specifications. With global and domestic manufacturing capabilities, we can ensure your quality product needs will be met when you need them.

Mechanical plating is per ASTM B695. Hot-dip galvanizing is per ASTM A153.

For technical support, installation information and special requirements please contact our Inside

Sales Team at: 1-800-350-1650, or via e-mail at: sales@macleansenior.com

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BONDING HARNESSES

BONDING HARNESS - #6 AWG

- For bonding and grounding in pedestal new construction and retrofitting
- Colored insulation for multi-directional cable identification
- Ring terminals - standard mounting hole sizes #10 and 1/4"
- Rope-lay cable, tinned copper strands
- Ring terminals - tinned copper alloy, terminate harnesses at each end

Ordering Information

- Y in each Part Number denotes three cable type options:

SI-BHA-XXXX Series

427-strand, 7 braid x 61/32 rope-lay cable

SI-BHB-XXXX Series

665-strand, 7 braid x 95/34 rope-lay cable

SI-BHC-XXXX Series

7-strand

- X in each Part Number denotes Color of Insulation options:
 - Blank - Black, OR - Orange, BL - Blue, BR - Brown, SL - Slate, GR - Green, R - Red.



PART NUMBER	INSULATED/ UNINSULATED	CABLE LENGTH	RING TYPE BOTH ENDS	BUNDLE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-BHY-6U25	Uninsulated	6"	1/4"	10	500	22" x 8" x 8"	32 Lbs.
SI-BHY-8U25	Uninsulated	8"	1/4"	10	500	22" x 8" x 8"	42 Lbs.
SI-BHY-11U25	Uninsulated	11"	1/4"	10	200	22" x 8" x 8"	22 Lbs.
SI-BHY-12U25	Uninsulated	12"	1/4"	10	200	22" x 8" x 8"	25 Lbs.
SI-BHY-15U25	Uninsulated	15"	1/4"	10	200	22" x 8" x 8"	31 Lbs.
SI-BHY-18U25	Uninsulated	18"	1/4"	10	200	22" x 8" x 8"	39 Lbs.
SI-BHY-20U25	Uninsulated	20"	1/4"	10	200	22" x 8" x 8"	42 Lbs.
SI-BHY-24U25	Uninsulated	24"	1/4"	10	200	22" x 8" x 8"	50 Lbs.
SI-BHY-26U25	Uninsulated	26"	1/4"	10	200	27" x 8" x 8"	54 Lbs.
SI-BHY-30U25	Uninsulated	30"	1/4"	10	200	31" x 8" x 8"	62 Lbs.
SI-BHY-36U25	Uninsulated	36"	1/4"	10	200	37" x 8" x 8"	73 Lbs.

BONDING & GROUNDING PRODUCTS

PART NUMBER	INSULATED/ UNINSULATED	CABLE LENGTH	RING TYPE BOTH ENDS	BUNDLE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-BHY-6U10	Uninsulated	6"	#10	10	500	22" x 8" x 8"	32 Lbs.
SI-BHY-8U10	Uninsulated	8"	#10	10	500	22" x 8" x 8"	43 Lbs.
SI-BHY-11U10	Uninsulated	11"	#10	10	200	22" x 8" x 8"	22 Lbs.
SI-BHY-12U10	Uninsulated	12"	#10	10	200	22" x 8" x 8"	25 Lbs.
SI-BHY-15U10	Uninsulated	15"	#10	10	200	22" x 8" x 8"	31 Lbs.
SI-BHY-18U10	Uninsulated	18"	#10	10	200	22" x 8" x 8"	39 Lbs.
SI-BHY-20U10	Uninsulated	20"	#10	10	200	22" x 8" x 8"	42 Lbs.
SI-BHY-24U10	Uninsulated	24"	#10	10	200	22" x 8" x 8"	50 Lbs.
SI-BHY-26U10	Uninsulated	26"	#10	10	200	27" x 8" x 8"	54 Lbs.
SI-BHY-30U10	Uninsulated	30"	#10	10	200	31" x 8" x 8"	62 Lbs.
SI-BHY-30U10	Uninsulated	36"	#10	10	200	37" x 8" x 8"	73 Lbs.
SI-BHY-6U8	Uninsulated	6"	#8	10	500	22" x 8" x 8"	32 Lbs.
SI-BHY-8U8	Uninsulated	8"	#8	10	500	22" x 8" x 8"	42 Lbs.
SI-BHY-11U8	Uninsulated	11"	#8	10	200	22" x 8" x 8"	22 Lbs.
SI-BHY-12U8	Uninsulated	12"	#8	10	200	22" x 8" x 8"	25 Lbs.
SI-BHY-15U8	Uninsulated	15"	#8	10	200	22" x 8" x 8"	31 Lbs.
SI-BHY-18U8	Uninsulated	18"	#8	10	200	22" x 8" x 8"	39 Lbs.
SI-BHY-20U8	Uninsulated	20"	#8	10	200	22" x 8" x 8"	42 Lbs.
SI-BHY-24U8	Uninsulated	24"	#8	10	200	22" x 8" x 8"	50 Lbs.
SI-BHY-26U8	Uninsulated	26"	#8	10	200	27" x 8" x 8"	54 Lbs.
SI-BHY-30U8	Uninsulated	30"	#8	10	200	31" x 8" x 8"	62 Lbs.
SI-BHY-36U8	Uninsulated	36"	#8	10	200	37" x 8" x 8"	73 Lbs.
SI-BHY-6U6	Uninsulated	6"	#6	10	500	22" x 8" x 8"	32 Lbs.
SI-BHY-8U6	Uninsulated	8"	#6	10	500	22" x 8" x 8"	42 Lbs.
SI-BHY-11U6	Uninsulated	11"	#6	10	200	22" x 8" x 8"	22 Lbs.
SI-BHY-12U6	Uninsulated	12"	#6	10	200	22" x 8" x 8"	25 Lbs.
SI-BHY-15U6	Uninsulated	15"	#6	10	200	22" x 8" x 8"	31 Lbs.
SI-BHY-18U6	Uninsulated	18"	#6	10	200	22" x 8" x 8"	39 Lbs.
SI-BHY-20U6	Uninsulated	20"	#6	10	200	22" x 8" x 8"	42 Lbs.
SI-BHY-24U6	Uninsulated	24"	#6	10	200	22" x 8" x 8"	50 Lbs.
SI-BHY-26U6	Uninsulated	26"	#6	10	200	27" x 8" x 8"	54 Lbs.
SI-BHY-30U6	Uninsulated	30"	#6	10	200	31" x 8" x 8"	62 Lbs.
SI-BHY-36U6	Uninsulated	36"	#6	10	200	37" x 8" x 8"	73 Lbs.
SI-BHY-625X	Insulated	6"	1/4"	10	500	22" x 8" x 8"	33 Lbs.
SI-BHY-825X	Insulated	8"	1/4"	10	500	22" x 8" x 8"	43 Lbs.
SI-BHY-1125X	Insulated	11"	1/4"	10	200	22" x 8" x 8"	23 Lbs.
SI-BHY-1225X	Insulated	12"	1/4"	10	200	22" x 8" x 8"	26 Lbs.
SI-BHY-1525X	Insulated	15"	1/4"	10	200	22" x 8" x 8"	32 Lbs.
SI-BHY-1825X	Insulated	18"	1/4"	10	200	22" x 8" x 8"	40 Lbs.
SI-BHY-2025X	Insulated	20"	1/4"	10	200	22" x 8" x 8"	43 Lbs.
SI-BHY-2425X	Insulated	24"	1/4"	10	200	22" x 8" x 8"	51 Lbs.
SI-BHY-2625X	Insulated	26"	1/4"	10	200	27" x 8" x 8"	55 Lbs.
SI-BHY-3025X	Insulated	30"	1/4"	10	200	31" x 8" x 8"	63 Lbs.
SI-BHY-3625X	Insulated	36"	1/4"	10	200	37" x 8" x 8"	74 Lbs.
SI-BHY-610X	Insulated	6"	#10	10	500	22" x 8" x 8"	33 Lbs.
SI-BHY-810X	Insulated	8"	#10	10	500	22" x 8" x 8"	43 Lbs.
SI-BHY-1110X	Insulated	11"	#10	10	200	22" x 8" x 8"	23 Lbs.
SI-BHY-1210X	Insulated	12"	#10	10	200	22" x 8" x 8"	26 Lbs.
SI-BHY-1510X	Insulated	15"	#10	10	200	22" x 8" x 8"	32 Lbs.
SI-BHY-1810X	Insulated	18"	#10	10	200	22" x 8" x 8"	40 Lbs.
SI-BHY-2010X	Insulated	20"	#10	10	200	22" x 8" x 8"	43 Lbs.
SI-BHY-2410X	Insulated	24"	#10	10	200	22" x 8" x 8"	51 Lbs.
SI-BHY-2610X	Insulated	26"	#10	10	200	27" x 8" x 8"	55 Lbs.
SI-BHY-3010X	Insulated	30"	#10	10	200	31" x 8" x 8"	63 Lbs.
SI-BHY-3610X	Insulated	36"	#10	10	200	37" x 8" x 8"	74 Lbs.

BONDING & GROUNDING PRODUCTS

PART NUMBER	INSULATED/ UNINSULATED	CABLE LENGTH	RING TYPE BOTH ENDS	BUNDLE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-BHY-68X	Insulated	6"	#8	10	500	22" x 8" x 8"	33 Lbs.
SI-BHY-88X	Insulated	8"	#8	10	500	22" x 8" x 8"	43 Lbs.
SI-BHY-118X	Insulated	11"	#8	10	200	22" x 8" x 8"	23 Lbs.
SI-BHY-128X	Insulated	12"	#8	10	200	22" x 8" x 8"	26 Lbs.
SI-BHY-158X	Insulated	15"	#8	10	200	22" x 8" x 8"	32 Lbs.
SI-BHY-188X	Insulated	18"	#8	10	200	22" x 8" x 8"	40 Lbs.
SI-BHY-208X	Insulated	20"	#8	10	200	22" x 8" x 8"	43 Lbs.
SI-BHY-248X	Insulated	24"	#8	10	200	22" x 8" x 8"	51 Lbs.
SI-BHY-268X	Insulated	26"	#8	10	200	27" x 8" x 8"	55 Lbs.
SI-BHY-308X	Insulated	30"	#8	10	200	31" x 8" x 8"	63 Lbs.
SI-BHY-368X	Insulated	36"	#8	10	200	37" x 8" x 8"	74 Lbs.
SI-BHY-66X	Insulated	6"	#6	10	500	22" x 8" x 8"	33 Lbs.
SI-BHY-86X	Insulated	8"	#6	10	500	22" x 8" x 8"	43 Lbs.
SI-BHY-116X	Insulated	11"	#6	10	200	22" x 8" x 8"	23 Lbs.
SI-BHY-126X	Insulated	12"	#6	10	200	22" x 8" x 8"	26 Lbs.
SI-BHY-156X	Insulated	15"	#6	10	200	22" x 8" x 8"	32 Lbs.
SI-BHY-186X	Insulated	18"	#6	10	200	22" x 8" x 8"	40 Lbs.
SI-BHY-206X	Insulated	20"	#6	10	200	22" x 8" x 8"	43 Lbs.
SI-BHY-246X	Insulated	24"	#6	10	200	22" x 8" x 8"	51 Lbs.
SI-BHY-266X	Insulated	26"	#6	10	200	27" x 8" x 8"	55 Lbs.
SI-BHY-306X	Insulated	30"	#6	10	200	31" x 8" x 8"	63 Lbs.
SI-BHY-366X	Insulated	36"	#6	10	200	37" x 8" x 8"	74 Lbs.

BONDING HARNESS - #14 AWG

- Ring terminal on both ends for cable splices
- Colored insulation for multi-directional cable identification
- Tinned brass ring terminals
- Tinned copper strand cable

Ordering Information

- X in each Part Number denotes Color of Insulation options:
 - Blank - Green (Std.), OR - Orange, BL - Blue, BR - Brown, SL - Slate, GR - Green, R - Red.



PART NUMBER	INSULATED/ UNINSULATED	CABLE LENGTH	RING TYPE BOTH ENDS	BUNDLE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-BH-1410-RRX	Insulated	10"	#10	25	200	9" x 9" x 6"	4 Lbs.
SI-BH-1420-RRX	Insulated	20"	#10	25	200	9" x 9" x 6"	7 Lbs.

CLAMPS

BONDING RIBBON CLAMP

- Used for attaching bonding ribbon to manhole walls and roofs
- Constructed of lead

Bellcore Specification: 6567

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-1720	200	2 & 3/4" x 1 & 9/16" x 3 & 15/16"	4.46 Lbs.



GROUND ROD CLAMP

- Used to provide a solderless connection between a #6 ground wire and a ground rod
- Clamps are constructed of cast bronze
- Available in vibration proof, anti-loosening versions
- UL and CUL listed

PART NUMBER	TYPE	VIBRATION PROOF/ ANTI-LOOSENING	GROUND ROD DIAMETER	BOLT HEX SIZE	CONDUCTOR RANGE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0038C	Economy	No	5/8"	1/2"	#10 SOL - #1/0 STR	400	10" x 9" x 9"	38.2 Lbs.
J8492	Heavy Duty	No	5/8"	1/2"	#8 SOL - #1/0 STR	50	5 & 1/4" x 4" x 4 & 3/4"	6 Lbs.
SI-2142	Heavy Duty	No	5/8"	9/16"	#12 SOL - #6 SOL	25	6" x 4" x 4"	11 Lbs.
J25932	Heavy Duty	No	5/8"	9/16"	#10 SOL - #2 SOL	100	6" x 6 & 1/4" x 6 & 1/4"	17 Lbs.

Note - J25932 is constructed of ductile iron, hot-dip galvanized, with a stainless steel hex-head bolt.



GROUND/BOND CLAMP

- Used to attach ground wires at the nut end of bolts on transmission lines
- Includes two 1-1/2" long clamp sections and one square nut
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	MOUNTING BOLTS	GROUND WIRE DIA. RANGE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J1163	5/8"	3/16" - 3/8"	100	7" x 12" x 4"	48 Lbs.
J1164	3/4"	1/4" - 1/2"	100	8 & 1/2" x 15" x 6"	52 Lbs.



GROUND BOND CLAMP

- Provide a sturdy and efficient provision to connect ground wire to threaded bolts
- Designed to nest over the square nut of the bolt; a grounding connection is accomplished by inserting the ground wire between the nut and the bonding clamp and adding an additional nut to secure the clamp
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	FOR BOLT & SQUARE NUT SIZE				GROUND WIRE DIAMETER RANGE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
	A BOLT SIZE	B BOLT SIZE	C BOLT SIZE	D BOLT SIZE				
J27276	5/8"	0.52"	0.187"	1.0"	0.162" - 0.312"	250	14 & 1/2" x 8 & 1/2" x 6 & 1/2"	26 Lbs.
J27277	3/4"	0.60"	0.187"	1.25"	0.162" - 0.312"	250	16" x 8 & 3/4" x 6"	36 Lbs.
J27278	7/8"	0.73"	0.187"	1.50"	0.162" - 0.312"	250	16" x 9" 7 & 1/2"	54 Lbs.
J27279	1"	0.84"	0.187"	1.68"	0.162" - 0.437"	150	16 & 1/2" x 8" x 6"	34.4 Lbs.



- Used to clamp ground wire to 5/8" - 3/4" rods
- Constructed of high quality steel, hot-dip galvanized

PART NUMBER	MOUNTING BOLTS	CARTON QTY	CARTON SIZE	CARTON WEIGHT
J8225	5/8" - 3/4"	100	8" x 8" x 10"	56.8 Lbs.



B GROUND WIRE CLAMP

- B ground wire clamp is used to secure ground wires, #6 - #12 AWG
- Constructed of high quality steel, mechanically plated for corrosion resistance

Bellcore Specification: 8451

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0960	500	3" x 3" x 3"	1.5 Lbs.



GUY GROUND CLAMP

- Keepers constructed of ductile iron, hot-dip galvanized
- U-bolts constructed of high quality steel, hot-dip galvanized

PART NUMBER	WIRE RANGE	U-BOLT DIAMETER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
GC-64C	0.18" - 0.38"	3/8"	75	8 & 1/2" x 8 & 1/2" x 10 & 3/4"	43 Lbs.
GC-67	0.25" - 0.50"	1/2"	50	8 & 1/2" x 8 & 1/2" x 10 & 3/4"	57 Lbs.
GC-67C	0.25" - 0.50"	1/2"	25	8 & 1/2" x 8 & 1/2" x 10 & 3/4"	35 Lbs.



KUL BONDING CLAMP

- Used to bond #6 copper wire to 1/4" or 5/16" strand
- Constructed of high strength copper alloy
- Installation does not require removal of bolt
- Tin plated for use with dissimilar metals
- Installs with standard terminal wrench
- UL and CUL listed



PART NUMBER	CONDUCTOR RANGE	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2174	#6 SOL - #1/0 STR	100	100	13" x 11 & 1/2" x 5 & 1/2"	16.8 Lbs.
J8300	0.162"-0.398"	100	100	8 & 1/2" x 8 & 1/2" x 7 & 1/4"	15.4 Lbs.

Note - J8300 and SI-2174K are semi tin plated with one bare bronze groove for copper to copper bond.

MESSENGER CLAMP

- Used to secure cable sheath, bonding ribbon or ground wire to the messenger strand
- Internal self seating compression plate to evenly distribute clamping pressure
- Constructed of high quality steel, hot-dip galvanized
- U.S made versions available



PART NUMBER	ALTERNATE	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-1630	-	25	100	9" x 7" x 7"	49.3 Lbs.
-	J7956	25	100	14 & 1/2" x 8" 5 & 1/2"	49.3 Lbs.

- Used to make secure connection between ground wire to the strand
- Constructed of ductile iron, hot-dip galvanized

PART NUMBER	CABLE RANGE MAIN	CABLE RANGE TAP	CARTON QTY	CARTON SIZE	CARTON WEIGHT
BC-105	0.50"- 1.0"	0.16"- 0.46"	25	8 & 1/2" x 8 & 1/2" x 10 & 3/4"	25 Lbs.



METER BOX CLAMP

- Engineered to provide a positive ground connection to customer meter boxes without the need for a ground rod, ground rod clamp, or long ground wire runs
- Patented screw design (cone & tip arrangement) for intimate ground to base metal
- No preparation of meter box surface required
- No need to loosen clamp to attach or remove ground wires
- UL and CUL listed
- Patented

PART NUMBER	TYPE	MATERIAL	CONDUCTOR RANGES	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2154	Adjustable Bracket	Galvanized Steel	#14 - #6	50	12" x 6" x 6"	30 Lbs.
SI-2163	Plate Style	Stainless Steel	#14 - #10	200	13" x 5" x 7"	15.4 Lbs.
SI-2165	Adjustable Bracket	Stainless Steel	#14 - #6	50	12" x 6" x 6"	24.75 Lbs.
SI-2166LG	Adjustable Bracket, Long	Galvanized Steel	#14 - #6	20	4 & 1/4" x 4 & 1/4" x 12"	13.6 Lbs.
SI-2167	Lip Mount	Powder Coated Spring Steel	#14 - #6	50	3" x 4" x 5"	33 Lbs.
SI-2167C	Lip Mount Economy	Powder Coated Spring Steel	#14 - #6	500	3" x 4" x 5"	35 Lbs.
SI-2167GC	Lip Mount with Ground Clip	Stainless Steel	#12 - #10	500	3" x 4" x 5"	36 Lbs.
SI-2167SLM	Side Lip Mount	Powder Coated Spring Steel	#14 - #6	600	10" x 7" x 1"	46.8 Lbs.
SI-2167SLM-WL	Side Lip Mount, Wide Lip	Powder Coated Spring Steel	#14 - #6	400	10" x 7" x 1"	38 Lbs.
SI-2168CA	Corner Mount	Steel, Zinc with Yellow Dichromate	#14 - #10	50	9" x 5 & 1/2" x 1 & 1/2"	3.5 Lbs.



STRUCTURE I-BEAM GROUND CLAMP

- Used to provide an electrical connection to trailers, mobile homes or other beam structures
- High strength bronze casting
- Will accept wire range from #14 AWG to #6 AWG including bonding ribbon
- UL and CUL listed

PART NUMBER	CARTON QTY	MASTER QTY	CARTON SIZE	CARTON WEIGHT
SI-2145	20	200	16" x 8" x 6"	56 Lbs.
SI-2145A	20	200	16" x 8" x 6"	52 Lbs.



- Used to provide an electrical connection to trailers, mobile homes or other beam structures
- Cup point on bolt penetrates through surface paint or oxide for intimate ground to base metal
- Separate screw to attach #14 to #6 AWG ground wires
- High strength bronze casting
- UL and CUL listed

PART NUMBER	BOLT HEAD	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2181	Square	200	7" x 5 & 1/2" x 3 & 1/2"	59.2 Lbs.
SI-2181A	Hex	200	7" x 5 & 1/2" x 3 & 1/2"	59.2 Lbs.



- Used for grounding Satellite and CATV systems to an I-Beam
- The teeth on bracket help penetrate paint and rust to ensure a strong grounding connection
- Constructed of high quality steel, mechanically plated
- UL and CUL listed



PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2177	100	9" x 5 & 1/2" x 5"	15.6 Lbs.

TAP CLAMP

- Used to make an electrical connection between ground wire and messenger or guy strands
- Up to #2 AWG ground wire
- Up to 1/2" strand size
- Constructed of aluminum



PART NUMBER	GROUND WIRE SIZE	STRAND WIRE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
438ALC	Up to 3/8"	Up to 7/16"	200	15" x 15" x 6 & 1/2"	24 Lbs.

TAP GROUNDING CLAMP

- Used to bond taps
- Accepts #12 - #6 AWG copper ground wire
- Bracket constructed of high quality steel, mechanically plated
- Stud/set screw brass, nickel plated
- UL and CUL listed

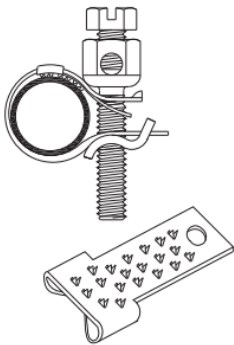


PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2020	100	8" x 7" x 4"	15.6 Lbs.

UNIVERSAL GROUND STRAP

- Positive grounding connection to water pipes, electrical conduits & ground rods
- Features new captive nut, which prevents loss of nut during installation
- Features patented curved nut, which gives a more reliable, secure connection to pipe
- Set-screw stud assembly is compatible with a standard terminal wrench
- Set-screw stud assembly allows ground wire changes without loosening clamp
- Available in 6, 9, or 12 inch lengths with copper or galvanized steel straps
- Available with a penetrator option to ensure a positive, reliable ground
- SI-0954 Premium type ground straps accommodate up to #6 AWG
- SI-0958 Economy type ground straps accommodate up to #8 AWG
- UL and CUL listed
- Patented

PART NUMBER	TYPE	STRAP MATERIAL	STRAP LENGTH	PIPE SIZE DIA. (IN)	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0954-6	Premium	Copper	6"	1/2" - 1"	25	100	4 & 1/4" x 4 & 1/4" x 12"	7.35 Lbs.
SI-0954-9	Premium	Copper	9"	1/2" - 2 & 1/4"	25	100	4 & 1/4" x 4 & 1/4" x 12"	8.1 Lbs.
SI-0954-12	Premium	Copper	12"	1/3" - 3"	25	100	4 & 1/4" x 4 & 1/4" x 12"	9.8 Lbs.
SI-0954G-6	Premium	Galvanized Steel	6"	1/2" - 1"	25	100	4 & 1/4" x 4 & 1/4" x 12"	9.2 Lbs.
SI-0954G-9	Premium	Galvanized Steel	9"	1/2" - 2 & 1/4"	25	100	4 & 1/4" x 4 & 1/4" x 12"	9.7 Lbs.
SI-0954G-12	Premium	Galvanized Steel	12"	1/3" - 3"	25	100	4 & 1/4" x 4 & 1/4" x 12"	15.2 Lbs.
SI-0958-6	Economy	Copper	6"	1/2" - 1"	10	100	18" 16" x 14"	4.9 Lbs.
SI-0958-9	Economy	Copper	9"	1/2" - 2 & 1/4"	10	100	18" 16" x 14"	5.7 Lbs.
SI-0958-12	Economy	Copper	12"	1/3" - 3"	10	100	18" 16" x 14"	6.6 Lbs.
SI-0958-6G	Economy	Galvanized Steel	6"	1/2" - 1"	10	100	18" 16" x 14"	4.9 Lbs.
SI-0958-9G	Economy	Galvanized Steel	9"	1/2" - 2 & 1/4"	10	100	18" 16" x 14"	5.7 Lbs.
SI-0958-12G	Economy	Galvanized Steel	12"	1/3" - 3"	10	100	18" 16" x 14"	6.6 Lbs.



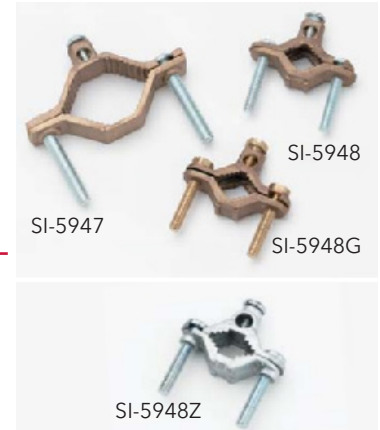
SI-0954 series clamps also available with penetrator. To order, add "P" suffix to part number.



WATER PIPE CLAMP

- Ideal in bonding copper ground wire to galvanized or copper pipe and conduit
- Up to #2 AWG ground wire
- Up to 1/2" strand size
- Constructed of aluminum
- SI-5947 accepts from #10 to #6 AWG copper wire

PART NUMBER	SIZE	MATERIAL	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-5947	1 & 1/4" - 2"	Bronze	100	13" x 8" x 8"	37.86 Lbs.
SI-5948	1/2" - 3/4" - 1"	Bronze	250	9" x 7" x 6"	45.5 Lbs.
SI-5948G	1/2" - 3/4" - 1"	Bronze	200	9" x 7" x 6"	37.2 Lbs.
SI-5948Z	1/2" - 3/4" - 1"	Die Cast Zinc	250	9" x 7" x 6"	33.5 Lbs.



CONNECTORS

BONDING RIBBON CONNECTOR

- Provides a solderless connection between bonding ribbons
- Accommodates up to three bonding ribbons and one #14 - #6 AWG wire
- Constructed of tin plated bronze
- Bolt size: 1/4" diameter with a 3/8" hex head
- UL and CUL listed

PART NUMBER	CARTON QTY	CARTON SIZE	MASTER QTY	MASTER SIZE	MASTER WEIGHT
SI-2159	50	3" x 4" x 5"	500	16" x 8" x 6"	45 Lbs.



BRONZE VISE CONNECTOR

- Used to provide a solderless connection between ground wires
- Vise-type connectors made of corrosion resistant, high strength bronze
- Fast, easy installation
- Vibration proof connection
- V-grooves properly align the conductors for maximum engagement
- UL and CUL listed

Bellcore Specification: 8980

- SI-0081 (H1) 1/4" - 28 bolt size, 3/8" hex
- SI-0082 (H2) 1/4" - 28 bolt size, 3/8" hex



PART NUMBER	MIN. PAIR	CONDUCTOR RANGE AWG MAX. PAIR	SET SCREW/STUD	PACKAGE QTY	CARTON QTY	MASTER SIZE	MASTER WEIGHT
SI-0081 (H1)	#12 SOL to #8 SOL	#12 SOL to #8 SOL	-	5	100	10" x 6" x 6"	7 Lbs.
SI-0082 (H2)	#8 SOL to #5 SOL	#8 SOL to #5 SOL	-	5	100	10" x 8" x 6"	11 Lbs.
SI-0082JK (H2)	#8 SOL to #5 SOL	#8 SOL to #5 SOL	#6 to #14 SOL	50	200	10" x 10" x 6"	26 Lbs.

BRONZE VISE CONNECTOR

- Interlocking components ensure a long term, vibration proof connection
- One Piece, side opening design eliminates loose parts, cross threading, and eases installation on run conductor
- Wide range allows for minimal inventory
- Easy to install with gloves or hot sticks
- Connectors can be installed on structures, cabinets and enclosures for grounding applications

PART NUMBER	CONDUCTOR RANGE AWG MAX.	CONDUCTOR RANGE AWG MIN.	BOLT THREAD SIZE	BOLT HEX SIZE	CARTON QTY	CARTON WEIGHT
BVC-6	#6 STR	#10 SOL	1/4"	3/8"	200	16 Lbs.
BVC-4	#4 STR	#8 SOL	5/16"	9/16"	200	28 Lbs.
BVC-2	#2 SOL	#6 SOL	5/16"	9/16"	200	35 Lbs.
BVC-2S	#2 STR	#5 SOL	5/16"	9/16"	200	41 Lbs.
BVC-20	#1/0 STR	#4 SOL	5/16"	9/16"	100	24 Lbs.
BVC-20S	#2/0 STR	#3 SOL	3/8"	9/16"	100	36 Lbs.
BVC-40	#4/0 STR	#1/0 STR	3/8"	9/16"	80	32 Lbs.

Note - For Cable Range, each connector will accept two conductors listed within the range listed, in any combination.



GROUNDING CONNECTOR

- Used to provide a solderless connection between ground wires
- Vise-type connectors made of corrosion resistant, high strength bronze
- Fast, easy installation
- Vibration proof connection
- V-grooves properly align the conductors for maximum engagement
- UL and CUL listed

PART NUMBER	BELLCORE SPECIFICATION
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SI-2169	7796-X-4
SI-2170	7796-X-6

PART NUMBER	CONDUCTOR RANGE SOL	CONDUCTOR RANGE STR	BOLT SIZE	HEX (IN)	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2169	#4	#4	5/16 - 24	9/16	350	10" x 10" x 6"	52.5 Lbs.
SI-2170	#6	#8	5/16 - 28	3/8	500	9" x 9" x 6"	35 Lbs.



SI-2170

DISTRIBUTION CONNECTOR

- Used to provide a solderless connection between ground wires
- Vise-type connectors made of corrosion resistant, high strength bronze
- Fast, easy installation
- Vibration proof connection
- V-grooves properly align the conductors for maximum engagement
- UL and CSA listed

PART NUMBER	CONDUCTOR RANGE MIN.	CONDUCTOR RANGE MAX.	HEX (IN)	HEX (IN)	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2141	2 - #4 SOL	2 - #2 STR	5/16 - 24	9/16	250	10" x 10" x 6"	55 Lbs.



SI-2141

DISTRIBUTION CONNECTOR

- Design allows for easy tapping or covering of the connection
- Flat ribs on the back of the connector provides a secure grip for hot stick installations
- Designed to meet all ANSI specifications
- Clamp will close on any combination of two conductors shown in the chart below
- UL and CUL listed



PART NUMBER	CONDUCTOR RANGE			APPROXIMATE DIMENSIONS	BOLT SIZE	HEX (IN)	CARTON QTY	CARTON WEIGHT
	MAX.	MIN.						
SI-2173	#1/0 SOL	#1 STR	#8 SOL	1 & 1/2" x 1 & 3/8" x 1"	5/16 - 24	9/16	50	11.5 Lbs.

- Vise-type bronze connector
- Interlocking components to ensure a long term, vibration proof connection
- One piece, side opening design to eliminate loose parts, cross threading, and ease of installation on run conductor
- Easy to install with gloves or hot sticks
- Can be used on structures, cabinets, and enclosures for grounding applications
- Connector will close on any combination of two conductors listed within the range shown in the chart below
- UL and CUL listed



PART NUMBER	CONDUCTOR RANGE		BOLT THREAD SIZE	BOLT HEX SIZE	BOLT SIZE	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
	MIN.	MAX.							
SI-2179	#8 SOL	#1/0 STR	5/16 - 24	9/16"	30	30	100	10" x 8 & 1/2" x 7 & 1/2"	15 Lbs.

PART NUMBER	CONDUCTOR RANGE		BOLT THREAD SIZE	BOLT HEX SIZE	CARTON QTY	CARTON WEIGHT
	SOL	STR				
BVC-207	#8	#1/0	5/16"	9/16"	100	20 Lbs.
BVC-207 IT	#8	#1/0	5/16"	9/16"	100	21 Lbs.
BVC-207 ST	#8	#1/0	5/16"	9/16"	100	17 Lbs.
BVC-207 FT	#8	#1/0	5/16"	9/16"	100	18 Lbs.

MESSENGER GROUNDING CONNECTOR

- Designed specifically for connecting a ground wire to figure 8 messenger strand, where self-supporting cable is used
- The teeth of the connector penetrate the insulation of the messenger to form a positive ground
- Constructed of tin-plated bronze
- UL and CUL listed

Bellcore Specification: 8270

PART NUMBER	BOLT SIZE	HEX (IN)	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2172	5/16 - 24	9/16	50	6" x 4" x 4"	11 Lbs.



PART NUMBER	MESSENGER DIAMETER	GROUND TAP DIAMETER	BOLT THREAD SIZE	BOLT HEX SIZE	CARTON QTY	CARTON WEIGHT
BVC-167P	0.146" - 0.312"	0.416" - 0.312"	5/16"	9/16"	25	5.75 Lbs.

GROUND BARS

- Used to bond multiple ground wires in MDU applications
- Accepts #12 - #6 AWG copper ground wire
- Nickel plated brass construction
- Grounding clip/screw assembly is stainless steel
- Stud/set screw brass, nickel plated
- UL and CUL listed

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-2010	50	10 & 1/2" x 4 & 1/4" x 9"	13.5 Lbs.



GROUND BLOCKS

- Provides ground path between drop cable and ground wire
- Stainless steel construction
- New ground clip mechanism provides for fast and easy termination of up to a #10 ground wire
- Other variations available
- Includes one 2.2 GHz F81 connector installed
- Integrated seal gasket
- Meets SCTE Specifications
- UL and CUL listed
- Patented

PART NUMBER	DESCRIPTION	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-GB-10	Single, 1 F Connector	120	14" x 5" x 7"	8.9 Lbs.
SI-GB-20	Dual, 1 F Connector	100	14" x 5" x 7"	10 Lbs.
SI-GB-22	Dual, 2 F Connectors	100	14" x 5" x 7"	10 Lbs.
SI-GB-50	Single, 1 Sealed Gasket F Connector	120	14" x 5" x 7"	3.64 Lbs.
SI-GB-50SS	Single, 1 Sealed Gasket F Connector with screws	120	14" x 5" x 7"	13.2 Lbs.
SI-GB-50L	Single, 1 Sealed Gasket Long F Connector	120	14" x 5" x 7"	13 Lbs.
SI-GB-50LSS	Single, 1 Sealed Gasket Long F Connector with screws	120	14" x 5" x 7"	13 Lbs.
SI-GB-60	Dual, 1 Sealed Gasket F Connector	100	14" x 5" x 7"	12 Lbs.
SI-GB-65	Dual, 2 Sealed Gasket F Connectors	100	14" x 5" x 7"	14 Lbs.
SI-GB-65SS	Dual, 2 Sealed Gasket F Connector with screws	100	14" x 5" x 7"	12 Lbs.

Ground blocks available without F connector



- Provides ground path between drop cable and ground wire
- Stainless steel construction
- New ground bolt mechanism provides for fast and easy termination of up to a #6 ground wire
- 7/16" hex head for single tool installation
- Includes one non-removable 2.2 GHz F81 connector
- Meets SCTE Specifications
- UL and CUL listed



PART NUMBER	DESCRIPTION	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-GB-70	Single, 1 F Connector	120	14" x 5" x 7"	10 Lbs.
SI-GB-70SS	Single, 1 F Connector with screws	120	14" x 5" x 7"	11 Lbs.

GROUND LUGS

- For mechanically bonding ground wire to equipment or satellite dish installations
- Set screw can be easily installed using a flat head screwdriver or if hex head using the SI-7195 can wrench
- UL and CUL listed

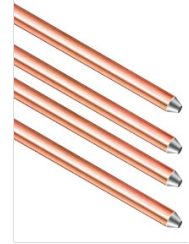
PART NUMBER	TYPE	MATERIAL	BONDING SCREW	CONDUCTOR RANGE	MTG. HOLE	SET SCREW	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-GL1-20	Dual Barrel	Aluminum	Top	#17 - #10 headless	17/64"	2 slotted	50	500	11" x 5" x 6"	7.2 Lbs.
SI-GL2-10	Single	Aluminum	Top	#14 - #6 headless	17/64"	1 slotted	500	500	17" x 10 & 1/2" x 11 & 1/2"	8.5 Lbs.
SI-GL3-11	Single Bottom Tab	Tinned Bronze	Top	#14 - #4	13/64"	hex	150	600	12 & 1/2" x 8" x 8 & 1/2"	27 Lbs.
SI-GL4-11	Single	Tinned Bronze	Top	#14 - #4	17/64"	hex	150	600	12 & 1/2" x 8" x 8 & 1/2"	30 Lbs.
SI-GL5-10	Single	Tinned Bronze	Top	#14 - #4 headless	17/64"	1 slotted	25	500	12 & 1/2" x 8" x 8 & 1/2"	25 Lbs.
SI-GL6-12	Single	Tinned Bronze	Side	#14 - #4	13/64"	hex	25	500	12 & 1/2" x 8" x 8 & 1/2"	24 Lbs.
SI-GL7-13	Single	Tinned-Bronze	Top with side grd.	#14 - #4	17/64"	hex	25	500	12" x 9" x 8"	24 Lbs.



RODS

GROUND RODS (COPPER BONDED)

- Used as a primary ground for telecommunications equipment
- Designed to create an electrical path to dissipate static discharge voltage (lightning) to the earth
- Meets UL-467, NEMA GR-1
- Made in the USA / Buy America compliant



PART NUMBER	DIA. X LENGTH (IN.)	DIA. X LENGTH (METRIC)	ACTUAL DIAMETER (IN.)	STD PACK	WEIGHT/EACH (LBS.)	COPPER THICKNESS (MILS)
SI-615880	5/8" x 8'	14.2mm x 2.4m	0.555 - 0.565	100	6.8	10
SI-615800	5/8" x 10'	14.2mm x 3.0m	0.555 - 0.565	100	8.5	10

GROUND ROD (STEEL)

- Available in 5/8" and 3/4" diameters, in 8 ft lengths for most grounding requirements
- Have cone point for easy driving and plain end for attaching a ground rod clamp
- Constructed of high quality steel, hot-dip galvanized



PART NUMBER	ROD SIZE	CARTON QTY	CARTON WEIGHT
J5328	5/8" Diameter x 8' Long	5	41 Lbs.
J5338	3/4" Diameter x 8' Long	5	66 Lbs.

DRIVING TOOL

- Hand-operated ground rod driving tool accommodates 1/2" & 5/8" diameter ground rods and will allow the installation of up to 8' ground rods driven from groundline level.
- Reversible internal chambers allow one end to drive rod to 3' above ground level and other end to drive remaining 3' ground level
- Durable heat treated internal chambers are designed to resist mushrooming of the ground rod during the driving process



PART NUMBER	ROD DIAMETER	CARTON QTY	CARTON WEIGHT
J26514	1/2" x 5/8"	1	21 Lbs.

SPLIT BOLTS

- High strength corrosion resistant copper alloy connectors for use in bonding applications
- Designed to provide high clamping force
- Split bolt will accept on any combination of two conductors shown in the chart below
- UL and CUL listed

PART NUMBER	SIZE	RANGE OF EQUAL MAIN AND TAP MIN.	MAX.	MIN. TAP WITH ONE MAX. MAIN	PACKAGE QTY	PACKAGE WEIGHT	CARTON QTY	CARTON WEIGHT
SI-2002	2	#6 SOL	#2 STR	#14 STR	50	10 Lbs.	400	46 Lbs.
SI-2004	4	#8 SOL	#4 SOL	#16 SOL	100	7 Lbs.	800	55.2 Lbs.
SI-2006	6	#10 SOL	#6 SOL	#16 SOL	100	5 Lbs.	800	40 Lbs.
SI-2008	8	#16 STR	#8 STR	#16 STR	200	6 Lbs.	1600	48 Lbs.



SWITCHES

ISOLATION SWITCH

- Provides continuous grounding of tracer wires as well as the ability to isolate up to five individual tracer wires with one turn of the switch.
- Copper ground lugs and nuts for superior electrical contact.
- Fits within most marker posts, buried access points and underground vaults
- Single tool (can wrench) operation for:
 - Tightening all 6 threaded terminals (7/16" hex)
 - Open and close isolation (7/16" hex)
 - Tightens ground lug (3/8" hex)
- Ground lugs are standard on all switches
- Colored hex nuts allow easy tracer wire directional identification
- Standard product is "Communications" Orange
- Other standard Utility colors available

PART NUMBER	COLOR	INDUSTRY	NUMBER OF POSITIONS
SI-8000	Orange	Communications	6
SI-8000-3	Orange	Communications	3
SI-8001	Yellow	Gas	6
SI-8001-3	Yellow	Gas	3
SI-8002	Blue	Water	6
SI-8002-3	Blue	Water	3



TAGS

- Used to identify grounding connections
- Made of aluminum, green paint

A QUALIFIED DDS ITEM

PART NUMBER	TYPE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-TAG-100-G	CATV Ground	2000	14" x 5 & 1/2" x 5 & 1/2"	10 Lbs.
SI-TAG-103-G	Dish Ground	2000	14" x 5 & 1/2" x 5 & 1/2"	12 Lbs.
SI-TAG-104-G	Satellite Ground	2000	14" x 5 & 1/2" x 5 & 1/2"	12 Lbs.



TERMINALS

INTERSYSTEM BOND TERMINAL

- Provides convenient, quick method to interconnect ground wires from multiple communications systems to a single main ground
- Meets requirements of 2008 NEC® Article 250.94
- Allows for up to five connections of conductor sizes #14 AWG Solid - #4 AWG Solid
- Allows for connection to main conductor size of #6 AWG Solid - #2 AWG Stranded
- Captive swivel cover swings out of the way for easy installation
- Includes mounting hardware
- Base and cover constructed of impact resistant, UV stabilized polymer



PART NUMBER	CONDUCTOR TAP SIZES	CONDUCTOR MAIN SIZES	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-IBT	#14 SOL - #4 SOL	#6 SOL - #2 STR	25	7 & 3/4" x 7 & 3/4" x 5 & 1/4"	7.5 Lbs.

WIRES, RIBBONS & BRAIDS

GROUND WIRE

- Used in butt grounds, power service grounds
- #6 AWG conductor
- Annealed solid copper conductor, bare or tinned
- UL and CUL listed

PART NUMBER	AWG SIZE	BARE/TINNED	FEET PER SPOOL	SPOOLS PER CARTON	CARTON SIZE	CARTON WEIGHT
SI-9541	6	Bare	300	1	12" x 12" x 8 & 1/2"	26.5 Lbs.
SI-9542	2	Tinned	250	1	12" x 12" x 6"	53 Lbs.
SI-9543	6	Tinned	315	5	12" x 12" x 8 & 1/2"	50.5 Lbs.
SI-9544	4	Bare	198	1	12" x 12" x 6"	25 Lbs.
SI-9545	4	Tinned	198	1	12" x 12" x 6"	25 Lbs.
SI-9546	10	Green Jacketed 10TW	500	1	12" x 12" x 6"	15 Lbs.



BONDING RIBBON

Bellcore Specification: 4079

- Used for bonding cable
- Annealed solid copper ribbon
- 3/8" wide by 1/16" thick
- Rolled edges and tinned finish

PART NUMBER	LBS/SPOOL	SPOOLS/CARTON	CARTON SIZE	CARTON WEIGHT
SI-1638	5 Lbs.	5	12" x 12" x 5"	25 Lbs.



BOND BRAID

- Used in splicing cable shield openings within pedestal terminals or splice closures
- Flat, tin plated copper braided conductor, 1/2" wide, .070" thick, that provides a low electrical resistance connection
- Equivalent to a number #6 AWG copper conductor
- The braid is strong enough to be effective in relieving the strain across a spliced cable

Bellcore Specification: 1036

PART NUMBER	FEET/REEL	REELS/CARTON	CARTON SIZE	CARTON WEIGHT
SI-7171	100'	5	14" x 14" x 8"	49.05 Lbs.



BOND BRAID WITH EYELET

- Flat, tin plated copper braided conductor, 1/2" wide, .070" thick, that provides a low electrical resistance connection
- Eyelets are 1/4" diameter and spaced every three inches

PART NUMBER	TYPE	FEET PER PACK	PACKS PER CARTON	CARTON SIZE	CARTON WEIGHT
SI-7177-1	Without Web Guard	25'	7	13" x 8" x 8"	20.595 Lbs.



MacLean Senior Industries (MSI) Datacom Products are engineered and manufactured to provide efficient and reliable installation of wiring and communications networks.

MacLean Senior Industries' rigid quality assurance program assures all materials and manufacturing processes conform to the highest applicable standards, as well as the proprietary MSI specifications. With global and domestic manufacturing capabilities, we can ensure your quality product needs will be met when you need them.

Mechanical plating is per ASTM B695. Hot-Dip Galvanizing is per ASTM A153

For technical support, installation information and special requirements please contact our Inside Sales Team at: 1-800-350-1650, or via e-mail at: sales@macleansenior.com

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BASEBOARD CLIPS

- Used to secure coaxial or twisted pair cable to baseboard
- Steel construction, enamel coated
- Patent pending
- Add suffix to part number to denote color: N = Neutral, W = White, B = Black



PART NUMBER	CABLE SIZE	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-0991	RG 6	1000	6" x 4" x 4"	15 Lbs.
SI-0992	RG 6 Quad	1000	6" x 4" x 4"	1.5 Lbs.
SI-0993	Telephone	1000	6" x 4" x 4"	1.5 Lbs.
SI-0994	Category 5	1000	6" x 4" x 4"	1.5 Lbs.

BRIDLE RINGS

PART NUMBER	BELLCORE SPECIFICATION
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SI-6651	7912
SI-6651	7912
SI-6666	8518
SI-6667	8518



SI-6651

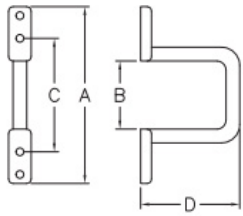
- Used to secure drop wire to wood, masonry or metal surfaces
- Constructed of high quality steel, mechanically plated
- A and C bridle rings have wood screw threads
- B, K, M and R bridle rings have machine screw threads

PART NUMBER	STYLE	EYE DIA.	THREAD SIZE	PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6651	A	1 & 5/8"	16	25	500	12" x 12" x 8"	30 Lbs.
SI-6653	C	1 & 1/4"	14	25	500	12" x 12" x 8"	25 Lbs.
SI-6666	K	3/4"	10 - 24	25	1200	12" x 12" x 8"	45 Lbs.
SI-6667	M	1 & 1/4"	10 - 24	25	450	12" x 12" x 8"	24.597 Lbs.

DISTRIBUTION RINGS

- Used to provide support for wires in building cable terminals and distribution closets
- Constructed of die cast aluminum

PART NUMBER	DIAMETER				BOX QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
	A	B	C	D				
SI-4753	4.88"	1.87"	3.13"	2.74"	25	500	20" x 17" x 11"	58.5 Lbs.
SI-4754	6.12"	3.11"	4.39"	3.74"	25	250	23" x 14" x 11"	37.5 Lbs.
SI-4755	8.12"	5.12"	6.38"	3.74"	25	250	23" x 18" x 11"	45.5 Lbs.

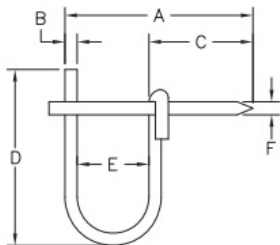


DRIVE RINGS

- Used for temporary or permanent support of drop wires
- Constructed of high quality steel, hot-dip galvanized for durability

Bellcore Specification: 6835

PART NUMBER	EYE DIAMETER	DIMENSIONS						PACKAGE QTY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
		A	B	C	D	E	F				
SI-6861	1/2"	2 & 1/16"	.125"	1 & 3/8"	3/4"	1/2"	.120"	50	500	16" x 8" x 6"	5 Lbs.
SI-6862	5/8"	2 & 1/4"	.135"	1 & 7/16"	1 & 1/8"	5/8"	.165"	50	400	16" x 8" x 6"	11.2 Lbs.
SI-6862L	5/8"	2 & 3/4"	.135"	1 & 15/16"	1 & 1/8"	5/8"	.165"	50	400	9 & 1/2" x 9 & 1/2" x 7 & 1/2"	9.92 Lbs.
SI-6863	7/8"	2 & 9/16"	.177"	1 & 1/2"	2 & 1/16"	7/8"	.165"	25	200	16" x 8" x 6"	10.8 Lbs.
SI-6863L	7/8"	3 & 1/16"	.177"	2"	2 & 1/16"	7/8"	.165"	25	200	14" x 4 & 1/2" x 7"	9 Lbs.
SI-6864	1 & 1/4"	2 & 15/16"	.192"	1 & 5/8"	2 & 3/4"	1 & 1/4"	.203"	25	100	6" x 8" x 14"	8.7 Lbs.
SI-6864L	1 & 1/4"	2 & 1/8"	.192"	3 & 7/16"	2 & 3/4"	1 & 1/4"	.203"	25	100	14" x 7 & 1/2" x 5 & 3/4"	7.52 Lbs.



J HOOKS

- Provides the ability to organize and support large numbers of cables
- Maintains optimal cable performance by preventing damage associated with point loading
- Wide base prevents pinch points and allows cable to follow natural bends
- Provides an inexpensive alternative to cable trays
- Ideal for use with a range of cables including fiber optic, CAT 5E, 6 and 7, among others
- Cable retaining clip included
- Constructed of high quality steel, zinc electroplated



PART NUMBER	SIZE	CAT 5E CABLE CAPACITY	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-6935-12	3/4"	20	50	6" x 5 & 1/2" & 4"	4 Lbs.
SI-6935-21	1 & 5/16"	40	25	7 & 1/2" x 6" x 4"	4 Lbs.
SI-6935-32	2"	80	25	8 & 1/2" x 6" x 5"	5.5 Lbs.
SI-6935-64	4"	300	10	10" x 7 & 1/2" x 5"	6.1 Lbs.

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HANDI-REELS

- Super easy reel installation
- Makes one-man installations easier
- Lightweight aluminum frame
- Locks in open position
- Safety latch prevents spindle from detaching when inverted
- Anti-skid pads
- Designed to support 1 or 2 man carry
- Sturdy enough for outdoor installations
- Patented



PART NUMBER	TYPE	MAX REEL DIAMETER	MAX REEL WIDTH	SPINDLE DIAMETER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-1500	Handi-Reel	19"	13"	5/8"	1	15 & 1/2" x 15" x 4"	5.49 Lbs.
SI-1550	Handi-Reel	25"	16"	5/8"	1	19" x 18" x 6"	6.3 Lbs.

PULLING HOOKS

- Used with initial installation and tensioning of Strandvise® connectors.

PART NUMBER	MAX WORK LOAD	STRANDVISE AUTOMATICS SPLICE TYPE
9055	5200 Lbs.	5200, 5201, 5100, 5101, 5102, 5200L, 5201, 5100L, 5101L, 5102L
9062	4000 Lbs.	5199, 5199L, 5202, 5203, 5204, 5202L, 5203L, 5204L, 5200, 5201, 5200L, 5201L, 5100, 5101L, 5102L



TERMINAL WRENCH

- Used to install drop hardware
- 3/8" and 7/16" sockets

PART NUMBER	PACKAGE QTY	CARTON WEIGHT
SI-7195	100	26.8 Lb.



THROWING WEIGHT

- Rubber padded weight that can be easily attached to any type of hand line
- Easy to throw up and over inaccessible locations

PART NUMBER	CARTON QTY	CARTON SIZE	CARTON WEIGHT
SI-9130	20	9" x 9" x 6 & 1/2"	28.12 Lbs.



