

# PRODUCT LINE CARD



| PREMISES COPPER |  | Product Name                                                | Listing | Part Number <sup>1</sup> | Nominal Diameter in (mm) | Package              |
|-----------------|--|-------------------------------------------------------------|---------|--------------------------|--------------------------|----------------------|
|                 |  |                                                             |         |                          |                          |                      |
| Category 6A     |  | 10Gain® XP CAT 6A                                           | CMR     | 6H-272-xA                | 0.295 (7.49)             | 1,000' Reel          |
|                 |  |                                                             | CMP     | 6H-272-xB                |                          |                      |
|                 |  | 10Gain CAT 6A                                               | CMR     | 6A-272-xA                | 0.35 (8.9)               | 1,000' Reel          |
|                 |  |                                                             | CMP     | 6A-272-xB                | 0.32 (8.1)               |                      |
| Category 6      |  | CAT 6A ScTP (F/UTP)                                         | CMR     | 6F-272-xA                | 0.29 (7.3)               | 1,000' Reel          |
|                 |  |                                                             | CMP     | 6F-272-xB                | 0.30 (7.7)               |                      |
|                 |  | NextGain® CAT 6eX                                           | CMR     | 54-246-xA                | 0.23 (5.8)               | 1,000' BrakeBox®     |
|                 |  |                                                             | CMP     | 54-272-xB                | 0.23 (5.7)               | 1,000' Reel          |
|                 |  | DataGain® CAT 6+                                            | CMR     | 66-246-xA                | 0.22 (5.5)               | 1,000' BrakeBox      |
|                 |  |                                                             | CMP     | 66-240-xA                |                          | 1,000' POP™ box      |
|                 |  | CAT 6+ ScTP (F/UTP)                                         | CMR     | 66-246-xB                | 0.22 (5.5)               | 1,000' BrakeBox      |
|                 |  |                                                             | CMP     | 66-240-xB                |                          | 1,000' POP box       |
|                 |  | CAT 6                                                       | CMR     | 6T-272-xA                | 0.29 (7.3)               | 1,000' Reel          |
|                 |  |                                                             | CMP     | 6T-272-xB                | 0.30 (7.7)               |                      |
|                 |  | CAT 6 LSZH                                                  | CMR     | 77-246-xA                | 0.22 (5.5)               | 1,000' BrakeBox      |
|                 |  |                                                             | CMP     | 77-240-xA                |                          | 1,000' POP box       |
|                 |  | Interlock Armored Premises Copper CAT 6 (single component)  | CMR     | 77-246-xB                | 0.22 (5.5)               | 1,000' BrakeBox      |
|                 |  |                                                             | CMP     | 77-240-xB                |                          | 1,000' POP box       |
|                 |  | Interlock Armored Premises Copper CAT 6 (dual component)    | CM      | 66-246-xL                | 0.24 (6.0)               | 1,000' Reel-in-a-Box |
|                 |  |                                                             | CMR     | K4-199-xA <sup>2</sup>   | 0.49 (12.5)              | 1,000' Reel          |
| Category 5e     |  | Cobra CAT 5e+                                               | CMR     | L4-199-xA <sup>3</sup>   | 0.55 (14.0)              |                      |
|                 |  |                                                             | CMR     | K4-299-SA <sup>2</sup>   | 0.80 (20.2)              | 1,000' Reel          |
|                 |  | CAT 5e+ ScTP (F/UTP)                                        | CMR     | L4-299-SA <sup>3</sup>   | 0.87 (22.2)              |                      |
|                 |  |                                                             | CMP     | 52-200-x5                | 0.19 (4.8)               | 1,000' Reel-in-a-Box |
|                 |  | Marathon LAN® CAT 5e                                        | CMR     | 52-240-x5                |                          | 1,000' POP box       |
|                 |  |                                                             | CMP     | 52-200-x8                | 0.19 (4.8)               | 1,000' Reel-in-a-Box |
|                 |  | CAT 5e ScTP (F/UTP) Outdoor                                 | CMR     | 52-241-x8                |                          | 1,000' POP box       |
|                 |  |                                                             | CMP     | 5F-220-x5                | 0.28 (7.1)               | 1,000' Reel          |
|                 |  | CAT 5e Outdoor Sunlight Resistant                           | CMR     | 5F-220-x8                | 0.25 (6.4)               |                      |
|                 |  |                                                             | CMR     | 51-243-x5                | 0.18 (4.6)               | 1,000' Reel-in-a-Box |
|                 |  | CAT 5e LSZH                                                 | CMR     | 51-240-x5                | 0.19 (4.8)               | 1,000' POP box       |
|                 |  |                                                             | CMP     | 51-243-x8                |                          | 1,000' Reel-in-a-Box |
|                 |  | 25-Pair Power Sum CAT 5e                                    | CMR     | 51-241-x8                | 0.19 (4.8)               | 1,000' POP box       |
|                 |  |                                                             | CMP     | 5F-220-E1                | 0.28 (7.1)               | 1,000' Reel          |
|                 |  | 25-Pair CAT 5e Indoor/Outdoor                               | CMR/CMX | 5F-220-x1                | 0.28 (7.1)               | 1,000' Reel          |
|                 |  |                                                             | CMR/CMX | 51-240-E1                | 0.21 (5.3)               | 1,000' POP box       |
|                 |  | Interlock Armored Premises Copper CAT 5e (single component) | CMR/CMX | 51-240-x1                | 0.21 (5.3)               | 1,000' POP box       |
|                 |  |                                                             | CM      | 51-240-xL                | 0.19 (4.8)               | 1,000' POP box       |
|                 |  | Interlock Armored Premises Copper CAT 5e (dual component)   | CMR     | 51-478-x5                | 0.57 (14.5)              | 1,000' Reel          |
|                 |  |                                                             | CMP     | 51-478-x8                | 0.48 (12.2)              |                      |
|                 |  | 25-Pair Power Sum CAT 5e                                    | CM      | 51-499-EL                | 0.59 (15)                | 1,000' Reel          |
|                 |  |                                                             | CMR     | K2-199-x5 <sup>2</sup>   | 0.44 (11.2)              | 1,000' Reel          |
|                 |  | 25-Pair CAT 5e Indoor/Outdoor                               | CMR     | L2-199-x5 <sup>3</sup>   | 0.50 (12.6)              |                      |
|                 |  |                                                             | CMR     | K2-299-S5 <sup>2</sup>   | 0.80 (28.2)              | 1,000' Reel          |
|                 |  |                                                             | CMR     | L2-299-S5 <sup>3</sup>   | 0.88 (22.2)              |                      |

<sup>1</sup>Where "x" = jacket color (see color key below). <sup>2</sup>No outer jacket. <sup>3</sup>With outer jacket. For single unit cables, the outer jacket color matches the internal component jacket color. For dual unit cables, the standard outer jacket color is Blue.

| Premises Cable Standard Jacket Colors                                                                                                                               |                    |                    |                     |            |                      |             |          |             |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|---------------------|------------|----------------------|-------------|----------|-------------|------------|
| Superior Essex offers an extensive line of jacket colors. They are available from stock with no minimum quantity required. Other colors are available upon request. | Blue<br>2<br>STOCK | Gray<br>3<br>STOCK | White<br>4<br>STOCK | Green<br>5 | Yellow<br>6<br>STOCK | Purple<br>7 | Red<br>9 | Orange<br>D | Black<br>E |

For additional pair counts, gauges, jacket colors, fiber counts/specifications and packaging, please refer to our product catalog, Web site, or call a Superior Essex sales professional.

Toll Free 1.800.551.8948 | Fax 770.657.6807 | [SuperiorEssex.com/Comm](http://SuperiorEssex.com/Comm)

| PREMISES COPPER | CAT 6A |  | Product Name                | Part Number            | Shield               | Nominal Diameter in (mm) | Package                      |
|-----------------|--------|-----------------------------------------------------------------------------------|-----------------------------|------------------------|----------------------|--------------------------|------------------------------|
|                 |        |                                                                                   | OSP Broadband CAT 6A BBDN6A | 04-001-A4<br>04-601-A4 | Coated aluminum tape | 0.39 (9.8)               | 1,000' Reel<br>Cut to length |
|                 | CAT 6A |  | OSP Broadband CAT 6A BBDG6A | 04-001-A5<br>04-601-A5 | Copper-clad steel    | 0.39 (9.8)               | 1,000' Reel<br>Cut to length |
|                 |        |                                                                                   | OSP Broadband CAT 6 BBD6    | 04-001-68<br>04-601-68 | None                 | 0.30 (7.6)               | 1,000' Reel<br>Cut to length |
|                 | CAT 6  |  | OSP Broadband CAT 6 BBDN6   | 04-001-64<br>04-601-64 | Coated aluminum tape | 0.39 (9.8)               | 1,000' Reel<br>Cut to length |
|                 |        |                                                                                   | OSP Broadband CAT 6 BBDG6   | 04-001-65<br>04-601-65 | Copper-clad steel    | 0.39 (9.8)               | 1,000' Reel<br>Cut to length |
|                 |        |                                                                                   | OSP Broadband CAT 5e BBDe   | 04-001-58<br>04-601-58 | None                 | 0.26 (6.6)               | 1,000' Reel<br>Cut to length |
|                 |        |                                                                                   | OSP Broadband CAT 5e BBDNe  | 04-001-54<br>04-601-54 | Coated aluminum tape | 0.36 (9.1)               | 1,000' Reel<br>Cut to length |
|                 | CAT 5e |  | OSP Broadband CAT 5e BBDGe  | 04-001-55<br>04-601-55 | Copper-clad steel    | 0.36 (9.1)               | 1,000' Reel<br>Cut to length |

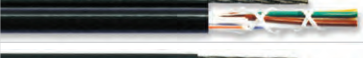
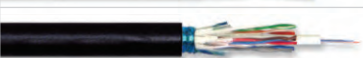
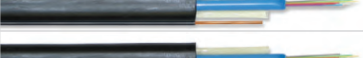
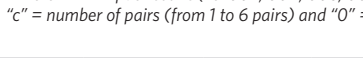
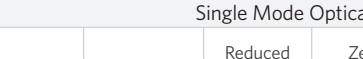
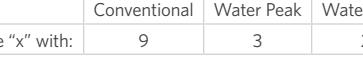
| PREMISES COPPER | CAT 6  |  | Product Name                 | Part Number                                      | Number of Cable Components <sup>2</sup> |           |              | Nom. Diameter in (mm)                            | Package               |
|-----------------|--------|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------------------|-----------------------------------------|-----------|--------------|--------------------------------------------------|-----------------------|
|                 |        |                                                                                   | Bundled Composite CAT 6 CMR  | D3-B169SA<br>D3-E169SA<br>D3-K169SA<br>D3-N169SA | CAT 6/5e                                | RG-6 Quad | 62.5 2-Fiber | 0.56 (14)<br>0.51 (13)<br>0.67 (17)<br>0.67 (17) | Cut to length on reel |
|                 | CAT 5e |  | Bundled Composite CAT 5e CMR | D1-B169S5<br>D1-E169S5<br>D1-K169S5<br>D1-N169S5 |                                         |           |              | 0.61 (16)<br>0.58 (15)<br>0.73 (19)<br>0.71 (18) | Cut to length on reel |

<sup>2</sup>Multiple construction options available, including other fiber types and fiber counts upon request.

| PREMISES COPPER | CAT 3   |  | Product Name                                                 | Listing   | Part Number                                      | Jacket Color   | Nom. Diameter in (mm) | Package              |
|-----------------|---------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------|--------------------------------------------------|----------------|-----------------------|----------------------|
|                 |         |                                                                                     | CAT 3 100-Pair                                               | CMR       | 18-789-33                                        | Gray           | 0.74 (18.7)           | Cut to length        |
|                 |         |                                                                                     |                                                              | CMP       | 18-799-36                                        |                | 0.84 (21.3)           |                      |
|                 |         |  | CAT 3 200-Pair                                               | CMR       | 18-A99-33                                        | Gray           | 1.05 (26.6)           | Cut to length        |
|                 |         |                                                                                     |                                                              | CMP       | 18-A99-36                                        |                | 1.16 (29.4)           |                      |
|                 |         |  | CAT 3 300-Pair                                               | CMR       | 18-B99-33                                        | Gray           | 1.27 (32.2)           | Cut to length        |
|                 |         |                                                                                     |                                                              | CMP       | 18-B99-36                                        |                | 1.44 (36.7)           |                      |
|                 | Coaxial |  | Coax RG-6, Quad Shield<br>CM/CATV, CMR/CATVR<br>and CMP/CL2P | CM/CATV   | 78-147-9P<br>79-147-9P                           | White<br>Black | 0.30 (7.5)            | 1,000' POP box       |
|                 |         |                                                                                     |                                                              | CMR/CATVR | 78-148-91<br>79-148-91                           | White<br>Black |                       | 1,000' Reel          |
|                 |         |                                                                                     |                                                              | CMP/CL2P  | 78-14C-91                                        | White          | 0.26 (6.7)            | 1,000' Reel          |
|                 |         |  | Coax RG-6, Quad Shield<br>Aluminum Interlock Armored         | CMR       | KC-919-45 <sup>3</sup><br>KC-919-E5 <sup>3</sup> | White<br>Black | 0.53 (13.5)           | 1,000' Reel          |
|                 |         |                                                                                     |                                                              | CM        | 78-11A-9R<br>79-11A-9R                           | White<br>Black | 0.28 (7.1)            | 1,000' Reel-in-a-Box |
|                 |         |  | Coax RG-6, 60% Shield                                        | CM        | 78-107-9P<br>79-107-9P                           | White<br>Black | 0.28 (7.1)            | 1,000' POP box       |
|                 |         |                                                                                     | Coax RG-59, 95% Shield                                       | CMP/CL2P  | 78-55C-91                                        | White          | 0.19 (5.1)            | 1,000' Reel          |

<sup>3</sup>No outer jacket.

| FIRE ALARM/SECURITY |  | Product Name                                    | Listing                        | Part Number                         | Conductor Count | AWG (mm)                            | Nom. Diameter in (mm)                  | Package                                                             |
|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------|-------------------------------------|-----------------|-------------------------------------|----------------------------------------|---------------------------------------------------------------------|
|                     |                                                                                     | Fire Alarm, Non-Shielded<br>Power Limited       | FPLR/CL3R/CMR<br>FPLP/CL3P/CMP | 2F-212-91<br>2F-212-93              | 2               | 16 (1.29)                           | 0.17 (4.4)                             | 1,000' Ribbed spool                                                 |
|                     |  | Fire Alarm, Shielded<br>Power Limited           | FPLR/CL3R/CMR<br>FPLP/CL3P/CMP | 2F-132-92<br>2F-132-94              | 4               | 18 (1.02)                           | 0.18 (4.7)                             | 1,000' Ribbed spool                                                 |
|                     |                                                                                     | Security Control, Non-Shielded<br>Power Limited | FPLR/CL3R/CMR<br>FPLP/CL3P/CMP | 2F-D12-31<br>2F-D12-43              | 2               | 16 (1.46)                           | 0.19 (4.7)                             | 1,000' Ribbed spool                                                 |
|                     |  | Security Control, Shielded<br>Power Limited     | FPLR/CL3R/CMR<br>FPLP/CL3P/CMP | 2F-D12-32<br>2F-D12-44<br>2F-C44-44 | 2<br>2<br>6     | 16 (1.46)<br>16 (1.46)<br>18 (1.16) | 0.22 (5.5)<br>0.20 (5.0)<br>0.24 (6.0) | 1,000' Reel-in-a-Box<br>1,000' Ribbed spool<br>1,000' Reel-in-a-Box |

|               |                                                                                     | Product Name                                                  | Part Number <sup>1</sup> | Fiber Count | Nominal Diameter          |                           |
|---------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|-------------|---------------------------|---------------------------|
|               |                                                                                     |                                                               |                          |             | Minor Dim. in (mm)        | Major Dim. in (mm)        |
| Loose Tube    |    | Dri-Lite® Loose Tube Single Jacket All Dielectric Series 11D  | 11***xD0b                | 12 - 288    | 0.43 (10.9) - 0.81 (20.5) |                           |
|               |    | Dri-Lite® Loose Tube Single Jacket Single Armor Series 12D    | 12***xD0b                | 12 - 288    | 0.48 (12.2) - 0.89 (22.7) |                           |
|               |    | Loose Tube Single Jacket All Dielectric Series 11             | 11***xz0b                | 6 - 288     | 0.43 (10.9) - 0.81 (20.5) |                           |
|               |    | Loose Tube Single Jacket Single Armor Series 12               | 12***xz0b                | 6 - 288     | 0.48 (12.2) - 0.89 (22.7) |                           |
|               |    | Loose Tube Double Jacket Single Armor Series 1A               | 1A***xz0b                | 6 - 288     | 0.57 (14.5) - 0.98 (25.0) |                           |
|               |    | Loose Tube Single Jacket Self Support Series 11M              | 11***xzMb                | 6 - 120     | 0.43 (10.9) - 0.69 (17.5) | 0.89 (23.0) - 1.15 (29.0) |
|               |    | Loose Tube Single Jacket Single Armor Self Support Series 12M | 12***xzMb                | 6 - 120     | 0.48 (12.2) - 0.77 (19.7) | 0.94 (24.0) - 1.23 (31.0) |
|               |    | Loose Tube Indoor/Outdoor OFNR Series 13                      | 13***x10b                | 6 - 288     | 0.48 (12.2) - 0.84 (21.0) |                           |
|               |    | Heavy Duty Loose Tube OFNR Series 1H                          | 1H***xz0b                | 6 - 216     | 0.53 (13.4) - 0.79 (20.3) |                           |
|               |    | Single Loose Tube Single Armor Series 52                      | 52***x10b                | 6 - 96      | 0.36 (9.1) - 0.50 (12.8)  |                           |
| Miscellaneous |    | Single Loose Tube Indoor/Outdoor OFNR Series 53               | 53***x10b                | 6 - 96      | 0.30 (7.0) - 0.50 (13.0)  |                           |
|               |    | Flex Tube Locate Series FM                                    | FM***x1S1                | 6 - 96      | 0.59 (15.0)               |                           |
|               |    | Buried FTTP Steel Armor Series 52S                            | 52***xS0b                | 2 - 12      | 0.32 (8.2)                |                           |
|               |   | Buried Drop Composite, Aluminum Armor Series 72               | 72***x1cb                | 2 - 12      | 0.39 (9.8) - 0.43 (10.8)  |                           |
|               |  | Buried Drop Composite, Steel Armor Series 72S                 | 72***x1cS                | 2 - 12      | 0.39 (9.8) - 0.43 (10.8)  |                           |
|               |  | Dri-Lite Ribbon Series R1D                                    | R1***xD0b <sup>2</sup>   | 12 - 432    | 0.51 (13.0) - 0.78 (19.8) |                           |
|               |  | Dri-Lite Ribbon Single Armor Series R2D                       | R2***xDSb <sup>2</sup>   | 12 - 432    | 0.51 (13.0) - 0.84 (21.3) |                           |
|               |  | Stranded Tube Ribbon Single Armor Series S2                   | S2***x10b <sup>2</sup>   | 360 - 1008  | 1.25 (31.8)               |                           |
|               |  | Single Tube Ribbon Series R1                                  | R1***x10b <sup>2</sup>   | 12 - 432    | 0.47 (12.0) - 0.79 (20.0) |                           |
|               |  | Single Tube Ribbon Single Armor Series R2                     | R2***x1Sb <sup>2</sup>   | 12 - 432    | 0.51 (13.0) - 0.84 (21.0) |                           |
| FTTP          |  | Universal Drop FTTP Series 6U                                 | 6U***x1RG                | 2 - 12      | 0.17 (4.3)                | 0.32 (8.0)                |
|               |  | Toneable Drop FTTP Series 6T                                  | 6T***x1RG                | 2 - 12      | 0.17 (4.3)                | 0.35 (9.0)                |
|               |  | Universal Flex FTTP Series 6S                                 | 6S***x1RG                | 2 - 12      | 0.17 (4.3)                | 0.32 (8.0)                |
|               |  | Toneable Flex FTTP Series 6R                                  | 6R***x1RG                | 2 - 12      | 0.17 (4.3)                | 0.35 (9.0)                |
|               |  | Figure 8 FTTP Series 573Q                                     | 57***x23Q                | 1 - 12      | 0.18 (4.5)                | 0.35 (8.9)                |
|               |  | FTTP Tight Buffered I/O Universal Drop Series W7              | W7001KU0b                | 1           | 0.17 (4.4)                | 0.29 (7.4)                |
|               |  | FTTP Tight Buffered I/O Toneable Drop Series W7               | W7001K10b                | 1           | 0.17 (4.4)                | 0.29 (7.4)                |

<sup>1</sup>Where "\*\*\*\*" = fiber count (i.e. 002, 004, 006, 008, 012, 018, 024, 036, 048, 060, 072, 096, 144), "x" = fiber type, "z" = special attributes, "b" = print code, "c" = number of pairs (from 1 to 6 pairs) and "0" = standard product (see keys below). <sup>2</sup>These products are only available with single mode optical fiber types.

| Single Mode Optical Fiber Types |              |                    |                 |                          |          |          |      |
|---------------------------------|--------------|--------------------|-----------------|--------------------------|----------|----------|------|
|                                 | Conventional | Reduced Water Peak | Zero Water Peak | TeraFlex® Bend Resistant |          |          |      |
|                                 |              |                    |                 | G.657.A1                 | G.657.A2 | G.657.B3 | NZDS |
| <sup>1</sup> Replace “x” with:  | 9            | 3                  | 2               | K                        | J        | L        | 8    |

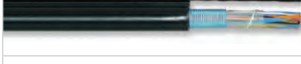
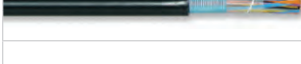
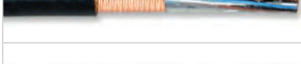
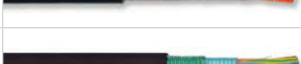
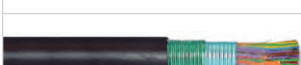
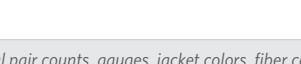
| Multimode Optical Fiber Types  |                    |                                 |         |         |
|--------------------------------|--------------------|---------------------------------|---------|---------|
|                                | TeraGain® 62.5/125 | TeraGain Laser Optimized 50/125 |         |         |
|                                |                    | 10G/150                         | 10G/300 | 10G/550 |
| <sup>1</sup> Replace “x” with: | 6                  | A                               | B       | F       |

| Special Attributes             |                     |             |                             |
|--------------------------------|---------------------|-------------|-----------------------------|
|                                | 12-fiber tubes with |             | TeraGain MMF 12-fiber tubes |
|                                | < 36 fibers         | > 36 fibers |                             |
| <sup>1</sup> Replace “z” with: | T                   | 1           | G                           |

| Jacket Print Codes             |          |        |              |        |                  |        |                      |        |  |
|--------------------------------|----------|--------|--------------|--------|------------------|--------|----------------------|--------|--|
|                                | dry core |        | flooded core |        | dry core special |        | flooded core special |        |  |
|                                | feet     | meters | feet         | meters | feet             | meters | feet                 | meters |  |
| <sup>1</sup> Replace “b” with: | 1        | 2      | 3            | 4      | 5                | 6      | 7                    | 8      |  |

|                                                                                  | Product Name                           | Part Number <sup>1</sup> | Copper Pair Count | AWG (mm)  | Fiber Count | Nominal Diameter         |                         |
|----------------------------------------------------------------------------------|----------------------------------------|--------------------------|-------------------|-----------|-------------|--------------------------|-------------------------|
|                                                                                  |                                        |                          |                   |           |             | Copper Component in (mm) | Fiber Component in (mm) |
|  | Composite Right of Way Series MR       | MR0723011                | 12                | 24 (0.51) | 72          | 0.65 (16.6)              |                         |
|  | Composite CAT 5e Drop Series 5F        | 11-003-30                | 4                 | 24 (0.51) | 4           | 0.63 (16)                | 0.43 (10.9)             |
|  | Composite Drop Web Series 5W           | 5W002302Q                | 2                 | 19 (0.91) | 2           | 0.31 (7.9)               | 0.26 (6.7)              |
|                                                                                  |                                        | 71-202-12                | 5                 |           | 2           | 0.36 (9.1)               |                         |
|                                                                                  |                                        | 5W002301Q                | 2                 | 22 (0.64) | 2           | 0.27 (6.9)               |                         |
|                                                                                  |                                        | 5W002303Q                | 5                 |           | 2           | 0.32 (8.1)               |                         |
|                                                                                  |                                        | 5W004301Q                | 6                 |           | 4           | 0.36 (9.1)               |                         |
|  | Composite Drop Overjacket Series 71 OJ | 71-055-02                | 2                 | 22 (0.64) | 2           | 0.27 (6.9)               | 0.26 (6.7)              |
|                                                                                  |                                        | 71-402-02                | 5                 |           | 2           | 0.32 (8.1)               |                         |
|  | Composite OSP Web Series 5V            | 5V006306I                | 6                 | 22 (0.64) | 6           | 0.45 (11.0)              | 0.37 (9.0)              |
|                                                                                  |                                        | 5V006312I                | 12                |           | 6           | 0.56 (14.0)              |                         |
|                                                                                  |                                        | 5V012312I                | 12                |           | 12          |                          |                         |
|  | Composite OSP Overjacket Series 70 OJ  | 70-425-18                | 36                | 22 (0.64) | 18          | 0.76 (19)                | 0.37 (9.0)              |
|                                                                                  |                                        | 70-425-36                | 36                |           | 36          |                          |                         |
|                                                                                  |                                        | 70-065-24                | 50                |           | 24          | 0.88 (22.0)              |                         |
|                                                                                  |                                        | 70-065-48                | 50                |           | 48          |                          |                         |
|                                                                                  |                                        | 70-067-72                | 75                |           | 72          | 1.00 (25.0)              | 0.51 (13.0)             |
|                                                                                  |                                        | 70-069-72                | 100               |           | 72          | 1.15 (29.0)              |                         |
|                                                                                  |                                        | 70-071-72                | 150               |           | 72          | 1.34 (34.0)              |                         |
|                                                                                  |                                        |                          |                   |           |             |                          |                         |
|  | Composite Round CF Series L            | 11024C02Q                | 1                 | 22 (0.64) | 24          | 0.43 (10.85)             |                         |
|                                                                                  |                                        | 11024D01Q                | 2                 |           |             | 0.43 (10.85)             |                         |
|                                                                                  |                                        | 12024D01Q                | 6                 |           |             | 0.60 (16.05)             |                         |
|                                                                                  |                                        | 12024D02Q                | 2                 |           |             | 0.48 (12.20)             |                         |

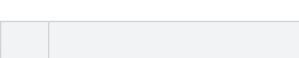
<sup>1</sup>Part numbers listed are Reduced Water Peak single mode optical fiber only. Other fiber types are available.

|                       | Product Name                                                                                                             | Part Number | Pair Count | AWG (mm)  | Nom. Diameter in (mm)  | Std. Length ft (m) | Reel Size F x T x D in |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|------------|-----------|------------------------|--------------------|------------------------|
|                       |                                                                                                                          |             |            |           |                        |                    |                        |
| RDUP OSP CUPPER CABLE |  SEALPIC® (air core)                  | 01-092-40   | 6          | 24 (0.51) | 0.35 (8.9)             | 5,000 (1,524)      | 30 x 18 x 12           |
|                       |                                                                                                                          | 01-097-40   | 25         |           | 0.51 (13)              |                    | 44 x 18 x 20           |
|                       |                                                                                                                          | 01-104-40   | 100        |           | 0.83 (21)              |                    | 58 x 25 x 20           |
|                       |  SEALPIC-84 (air core self support)   | 01-092-38   | 6          | 24 (0.51) | 0.34 (8.6) x 0.83 (21) | 5,000 (1,524)      | 46 x 25 x 20           |
|                       |                                                                                                                          | 01-097-38   | 25         |           | 0.50 (13) x 0.99 (25)  |                    | 58 x 25 x 20           |
|                       |                                                                                                                          | 01-104-38   | 100        |           | 0.81 (21) x 1.31 (33)  |                    | 72 x 36 x 36           |
|                       |  SEALPIC-FSF-84 (filled self support) | 09-092-05   | 6          | 24 (0.51) | 0.34 (8.6) x 0.83 (21) | 5,000 (1,524)      | 46 x 25 x 20           |
|                       |                                                                                                                          | 09-097-05   | 25         |           | 0.50 (13) x 0.99 (25)  |                    | 58 x 25 x 20           |
|                       |                                                                                                                          | 09-104-05   | 100        |           | 0.81 (21) x 1.31 (33)  |                    | 72 x 36 x 36           |
|                       |  SEALPIC-FSF RDUP PE-89               | 09-092-02   | 6          | 24 (0.51) | 0.36 (9.1)             | 5,000 (1,524)      | 36 x 18 x 14           |
|                       |                                                                                                                          | 09-097-02   | 25         |           | 0.52 (13)              |                    | 44 x 18 x 20           |
|                       |                                                                                                                          | 09-104-02   | 100        |           | 0.85 (22)              |                    | 58 x 25 x 20           |
|                       |                                                                                                                          | 09-110-02   | 300        | 26 (0.40) | 1.37 (35)              | 2,500 (762)        | 65 x 30 x 32           |
|                       |                                                                                                                          | 09-132-02   | 25         |           | 0.44 (11)              | 5,000 (1,524)      | 36 x 18 x 14           |
|                       |                                                                                                                          | 09-139-02   | 100        |           | 0.71 (18)              |                    | 52 x 25 x 20           |
|                       |                                                                                                                          | 09-145-02   | 300        |           | 1.09 (28)              |                    | 72 x 35 x 36           |
|                       |                                                                                                                          | 09-151-02   | 600        |           | 1.49 (38)              | 2,500 (762)        | 72 x 35 x 36           |
|                       |  SEALPIC-F RDUP PE-39                 | 04-092-21   | 6          | 24 (0.51) | 0.38 (9.7)             | 5,000 (1,524)      | 36 x 18 x 14           |
|                       |                                                                                                                          | 04-097-21   | 25         |           | 0.58 (15)              |                    | 46 x 25 x 20           |
|                       |                                                                                                                          | 04-104-21   | 100        |           | 0.98 (25)              |                    | 65 x 30 x 32           |
| GOPIC/CUPIC           |  CUPIC®-F RDUP PE-39                  | 04-092-04   | 6          | 24 (0.51) | 0.38 (9.7)             | 5,000 (1,524)      | 36 x 18 x 14           |
|                       |                                                                                                                          | 04-097-04   | 25         |           | 0.58 (15)              |                    | 46 x 25 x 20           |
|                       |                                                                                                                          | 04-104-04   | 100        |           | 0.98 (25)              |                    | 65 x 30 x 32           |
|                       |  GOPIC®-F RDUP PE-39                  | 04-092-27   | 6          | 24 (0.51) | 0.38 (9.7)             | 5,000 (1,524)      | 36 x 18 x 14           |
|                       |                                                                                                                          | 04-097-27   | 25         |           | 0.58 (15)              |                    | 46 x 25 x 20           |
|                       |                                                                                                                          | 04-104-27   | 100        |           | 0.98 (25)              |                    | 65 x 30 x 32           |
| CASPIC                |  CASPIC®-FSF RDUP PE-89               | 09-092-92   | 6          | 24 (0.51) | 0.39 (9.9)             | 5,000 (1,524)      | 36 x 18 x 14           |
|                       |                                                                                                                          | 09-097-92   | 25         |           | 0.55 (14)              |                    | 46 x 25 x 20           |
|                       |                                                                                                                          | 09-104-92   | 100        |           | 0.88 (22)              |                    | 58 x 25 x 20           |
|                       |  CASPIC-F RDUP PE-39                  | 04-092-94   | 6          | 24 (0.51) | 0.40 (10)              | 5,000 (1,524)      | 36 x 18 x 14           |
|                       |                                                                                                                          | 04-097-94   | 25         |           | 0.61 (16)              |                    | 46 x 25 x 20           |
|                       |                                                                                                                          | 04-104-94   | 100        |           | 1.01 (26)              |                    | 62 x 30 x 24           |

| CENTRAL OFFICE COPPER |                                                                                     |                                                            |             |                    |            |           |              |                   |                    |          |  |
|-----------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|-------------|--------------------|------------|-----------|--------------|-------------------|--------------------|----------|--|
|                       |                                                                                     | Product Name                                               | Part Number | Product Code       | Pair Count | AWG (mm)  | Jacket Color | Nom. Dia. in (mm) | Std. Length ft (m) | Package  |  |
| 600 Series            |    | ABAM (600B) Series                                         | 55-799-25   | 609B               | 25         | 22 (0.64) | Dark Gray    | 0.65 (17)         | 5,000 (1,524)      | Reel     |  |
|                       |                                                                                     |                                                            | 55-A99-25   | 615B               | 32         |           |              | 0.71 (18)         |                    |          |  |
|                       |                                                                                     |                                                            | 55-B99-25   | 610B               | 50         |           |              | 0.84 (21)         | 7,500 (2,285)      |          |  |
|                       |                                                                                     |                                                            | 55-E99-25   | 611B               | 100        |           |              | 1.14 (29)         |                    |          |  |
|                       |    | 600C Series                                                | 55-399-38   | 606C               | 6          | 22 (0.64) | Gray         | 0.32 (8.1)        | 10,000 (3,048)     | Reel     |  |
|                       |                                                                                     |                                                            | 55-799-38   | 609C               | 25         |           |              | 0.55 (14)         | 5,000 (1,524)      |          |  |
|                       |                                                                                     |                                                            | 55-A99-38   | 615C               | 32         |           |              | 0.61 (16)         | 5,000 (1,524)      |          |  |
|                       |                                                                                     |                                                            | 55-B99-38   | 610C               | 50         |           |              | 0.74 (19)         | 3,000 (914)        |          |  |
| Miscellaneous         |    | 1249C Series                                               | 55-799-20   | -                  | 25         | 26 (0.40) | Gray         | 0.43 (11)         | 5,000 (1,524)      | Reel     |  |
|                       |                                                                                     |                                                            | 55-A99-20   |                    | 32         |           |              | 0.46 (12)         | 4,000 (1,219)      |          |  |
|                       |                                                                                     |                                                            | 55-B99-20   |                    | 50         |           |              | 0.55 (14)         | 3,000 (914)        |          |  |
|                       |                                                                                     |                                                            | 55-E99-20   |                    | 100        |           |              | 0.73 (19)         |                    |          |  |
|                       |    | 1161A Series CAT 3                                         | 55-799-21   | -                  | 25         | 24 (0.51) | Gray         | 0.48 (12)         | 5,000 (1,524)      | Reel     |  |
|                       |                                                                                     |                                                            | 55-A99-21   |                    | 32         |           |              | 0.55 (14)         | 4,000 (1,219)      |          |  |
|                       |                                                                                     |                                                            | 55-B99-21   |                    | 50         |           |              | 0.66 (17)         | 3,000 (914)        |          |  |
|                       |                                                                                     |                                                            | 55-E99-21   |                    | 100        |           |              | 0.89 (23)         | 1,000 (305)        |          |  |
|                       |    | T100 Series                                                | 55-399-43   | T106               | 6          | 24 (0.51) | Gray         | 0.30 (7.6)        | 6,644 (2,025)      | Reel     |  |
|                       |                                                                                     |                                                            | 55-799-43   | T125               | 25         |           |              | 0.43 (11)         | 5,315 (1,620)      |          |  |
|                       |                                                                                     |                                                            | 55-A99-43   | T132               | 32         |           |              | 0.47 (12)         | 3,937 (1,200)      |          |  |
|                       |    | 25-Pair CAT 5e Shielded CMR                                | 55-779-19   | -                  | 25         | 24 (0.51) | Green        | 0.57 (15)         | 5,000 (1,524)      | Reel     |  |
|                       |                                                                                     |                                                            | 55-789-19   |                    |            |           | Gray         |                   |                    |          |  |
|                       |                                                                                     |                                                            | 55-799-19   |                    |            |           | Blue         |                   |                    |          |  |
| Switchboard           |   | Switchboard 100 Ohm                                        | 55-241-23   | TIW 4/24 or 286A   | 4          | 24 (0.51) | Gray         | 0.18 (5)          | 1,000 (305)        | POP™ box |  |
|                       |                                                                                     |                                                            | 55-799-23   | TIW 25/24          | 25         |           |              | 0.39 (10)         | 5,000 (1,524)      | Reel     |  |
|                       |                                                                                     |                                                            | 55-E99-23   | TIW 100/24 or 262A | 100        |           |              | 0.77 (20)         | 1,000 (305)        |          |  |
|                       |                                                                                     |                                                            | 55-275-26   | 812A               | 4          | 26 (0.40) |              | 0.15 (4)          | 5,000 (1,524)      |          |  |
|                       |                                                                                     |                                                            | 55-799-26   | 824A               | 25         |           |              | 0.31 (8)          |                    |          |  |
|                       |                                                                                     |                                                            | 55-E99-26   | 806A               | 100        |           |              | 0.61 (16)         |                    |          |  |
|                       |  | Switchboard 100 Ohm 200A/800A Series (Canadian Color Code) | 55-399-46   | 252A               | 6          | 24 (0.51) | Gray         | 0.22 (5.6)        | 3,000 (915)        | Reel     |  |
|                       |                                                                                     |                                                            | 55-699-46   | 255A               | 20         | 26 (0.40) |              | 0.35 (8.9)        | 3,000 (915)        |          |  |
|                       |                                                                                     |                                                            | 55-599-47   | 807A               | 17         |           |              | 0.26 (6.6)        | 3,000 (915)        |          |  |
|                       |                                                                                     |                                                            | 55-A99-47   | 808A               | 33         |           |              | 0.37 (9.4)        | 2,000 (610)        |          |  |
|                       |  | Shielded Switchboard 85                                    | 02-097-61   | SSWBD              | 25         | 24 (0.51) | Gray         | 0.35 (8.9)        | 5,000 (1,524)      | Reel     |  |
|                       |                                                                                     |                                                            | 02-098-61   |                    | 32         |           |              | 0.41 (10)         |                    |          |  |
|                       |                                                                                     |                                                            | 02-104-61   |                    | 100        |           |              | 0.63 (16)         |                    |          |  |
|                       |  | Switchboard 85                                             | 02-815-10   | SWBD               | 25         | 24 (0.51) | Gray         | 0.31 (7.9)        | 5,000 (1,524)      | Reel     |  |
|                       |                                                                                     |                                                            | 02-832-10   |                    | 32         |           |              | 0.36 (9.1)        |                    |          |  |
|                       |                                                                                     |                                                            | 02-820-10   |                    | 100        |           |              | 0.60 (15)         |                    |          |  |

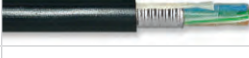
| CENTRAL OFFICE COPPER                                                               |                                           |              |             |                      |              |              |                   |                    |         |  |
|-------------------------------------------------------------------------------------|-------------------------------------------|--------------|-------------|----------------------|--------------|--------------|-------------------|--------------------|---------|--|
| Distribution Frame Wire                                                             |                                           | Product Name | Part Number | Number of Conductors | AWG (mm)     | Jacket Color | Nom. Dia. in (mm) | Std. Length ft (m) | Package |  |
|  | Distribution Frame Wire DFW               | 12-101-13    | 2           | 24 (0.51)            | Red/White    | 0.08 (2.0)   | 1,000 (305)       | Spool              |         |  |
|                                                                                     |                                           | 12-102-13    |             |                      | Red/Yellow   |              |                   |                    |         |  |
|                                                                                     |                                           | 12-103-13    |             |                      | White/Blue   |              |                   |                    |         |  |
|                                                                                     |                                           | 12-105-13    |             |                      | Black/White  |              |                   |                    |         |  |
|                                                                                     | Heavy Duty Distribution Frame Wire HD-DFW | 12-201-15    | 2           | 22 (0.64)            | White/Blue   | 0.08 (2.0)   | 3,000 (914)       | Parallel Cone      |         |  |
|                                                                                     |                                           | 12-204-15    |             |                      | White/Green  |              |                   |                    |         |  |
|                                                                                     |                                           | 12-206-15    |             |                      | White/Red    |              |                   |                    |         |  |
|                                                                                     |                                           | 12-207-15    |             |                      | Yellow/Black |              |                   |                    |         |  |
|                                                                                     | Tight Twist Distribution Frame Wire DFW   | 12-212-T5    | 2           | 22 (0.64)            | White/Green  | 0.08 (2.0)   | 3,000 (914)       | Spool              |         |  |
|                                                                                     |                                           | 12-213-T5    |             | 24 (0.51)            | Violet/Red   | 0.07 (1.8)   |                   |                    |         |  |
|                                                                                     |                                           | 12-214-T5    |             |                      | Violet/Red   | 0.07 (1.8)   | 1,000 (305)       |                    |         |  |
|                                                                                     |                                           | 12-215-T5    |             |                      | Green/Red    | 0.07 (1.8)   |                   |                    |         |  |

BELL OSP COPPER

|                                                                                  | Product Name                                    | Part Number | Product Code | Pair Count | AWG (mm)  | Norm. Diameter in (mm) | Standard Length <sup>1</sup> ft (m) |
|----------------------------------------------------------------------------------|-------------------------------------------------|-------------|--------------|------------|-----------|------------------------|-------------------------------------|
|  | ALPETH<br>BHBA, BHAA, BKMA and BKTA             | 20-097-42   | BKMA         | 25         | 24 (0.51) | 0.51 (13)              | 20,000 (6,096)                      |
|                                                                                  |                                                 | 20-104-42   |              | 100        |           | 0.83 (21)              | 13,300 (4,054)                      |
|                                                                                  |                                                 | 20-110-42   |              | 300        |           | 1.33 (34)              | 5,700 (1,737)                       |
|  | PASP<br>BHBH, BHAH, BKMh and BKTH               | 20-097-05   | BKMh         | 25         | 24 (0.51) | 0.63 (16)              | 20,000 (6,096)                      |
|                                                                                  |                                                 | 20-104-05   |              | 100        |           | 0.97 (25)              | 10,000 (3,048)                      |
|                                                                                  |                                                 | 20-110-05   |              | 300        |           | 1.49 (38)              | 4,400 (1,341)                       |
|  | Self-Support<br>BHAS and BKMS                   | 20-097-43   | BKMS         | 25         | 24 (0.51) | 0.49 (12) x 0.96 (24)  | 13,300 (4,054)                      |
|                                                                                  |                                                 | 20-104-43   |              | 100        |           | 0.80 (20) x 1.27 (32)  | 8,000 (2,438)                       |
|                                                                                  |                                                 | 20-108-43   |              | 200        |           | 1.09 (28) x 1.56 (40)  | 5,000 (1,524)                       |
|  | STEAMPETH<br>DKMN and DKTN                      | 27-118-19   | DKMN         | 900        | 24 (0.51) | 2.23 (57)              | 2,100 (640)                         |
|                                                                                  |                                                 | 27-145-19   | DKTN         | 300        | 26 (0.40) | 1.11 (28)              | 8,600 (2,621)                       |
|                                                                                  |                                                 | 27-153-19   |              | 900        |           | 1.79 (46)              | 3,300 (1,006)                       |
|  | Power Station High<br>Potential Filled ASP CMAW | 21-062-48   | CMAW         | 25         | 22 (0.64) | 0.71 (18)              | 10,000 (3,048)                      |
|                                                                                  |                                                 | 21-069-48   |              | 100        |           | 1.22 (31)              | 5,000 (1,524)                       |
|                                                                                  |                                                 | 21-075-48   |              | 300        |           | 2.11 (54)              | 2,500 (762)                         |
|  | Filled ALPETH<br>ANBA, ANAA, ANMA and ANTA      | 09-097-77   | ANMA         | 25         | 24 (0.51) | 0.52 (13)              | 20,000 (6,096)                      |
|                                                                                  |                                                 | 09-104-77   |              | 100        |           | 0.85 (22)              | 10,000 (3,048)                      |
|                                                                                  |                                                 | 09-110-77   |              | 300        |           | 1.37 (35)              | 5,000 (1,524)                       |
|  | Filled ASP<br>ANBW, ANAW, ANMW and ANTW         | 22-097-83   | ANMW         | 25         | 24 (0.51) | 0.55 (14)              | 20,000 (6,096)                      |
|                                                                                  |                                                 | 22-104-83   |              | 100        |           | 0.88 (22)              | 13,300 (4,054)                      |
|                                                                                  |                                                 | 22-110-83   |              | 300        |           | 1.41 (36)              | 5,000 (1,524)                       |
|  | Tight Twist 200-Pair ANMW                       | 07-024-74   | ANMW         | 200        | 24 (0.51) | 1.32 (33.5)            | Cut to length                       |
|  | T-SCREEN® Filled ASP<br>KNAW and KNMW           | 24-417-83   | KNAW         | 28         | 22 (0.64) | 0.69 (18)              | 10,000 (3,048)                      |
|                                                                                  |                                                 | 24-618-83   | KNMW         |            | 24 (0.51) | 0.63 (16)              |                                     |
|                                                                                  |                                                 | 24-440-05   | KHAH         | 54         | 22 (0.64) | 0.98 (25)              | 7,500 (2,286)                       |

<sup>1</sup>Standard length packaging is a steel reel.

OSP COPPER WIRE

|               |                                                                                     | Product Name                          | Part Number | Pair Count | AWG (mm)  | Wire Color              | Nominal Diameter   |                    | Std. Length ft (m) | Package    |
|---------------|-------------------------------------------------------------------------------------|---------------------------------------|-------------|------------|-----------|-------------------------|--------------------|--------------------|--------------------|------------|
|               |                                                                                     |                                       |             |            |           |                         | Minor Dim. in (mm) | Major Dim. in (mm) |                    |            |
| Aerial        |  | C-Rural Wire                          | 10-016-06   | -          | 14 (1.63) | -                       | 0.15 (3.8)         | 0.28 (7.1)         | 5,500 (1,676)      | Reel       |
|               |                                                                                     |                                       | 10-026-06   |            |           |                         |                    |                    | 1,000 (305)        | Coil       |
|               |  | IMRDW                                 | 10-006-17   | 6          | 22 (0.64) | -                       | 0.29 (7.5)         | 0.58 (14.8)        | 5,000 (1,524)      | Reel       |
|               |                                                                                     |                                       | 10-012-17   | 12         |           |                         | 0.36 (9.2)         | 0.65 (16.5)        |                    |            |
|               |  | IMRDWS                                | 10-061-29   | 6          | 22 (0.64) | -                       | 0.32 (8.1)         | 0.60 (15.3)        | 2,133 (650)        | Reel       |
|               |                                                                                     |                                       | 10-040-29   |            |           |                         |                    |                    | 5,000 (1,524)      |            |
|               |  | ADP NMS                               | 12-031-08   | 1          | 22 (0.64) | -                       | 0.18 (4.8)         | 0.36 (9.1)         | 750 (229)          | POP™ box   |
|               |                                                                                     |                                       | 12-004-08   | 2          |           |                         | 0.18 (4.8)         | 0.36 (9.1)         | 750 (229)          |            |
|               |                                                                                     |                                       | 12-019-08   | 3          |           |                         | 0.21 (5.3)         | 0.39 (9.9)         | 600 (183)          |            |
|               |                                                                                     |                                       | 12-519-08   | 5          |           |                         | 0.27 (7.0)         | 0.48 (12.0)        | 400 (122)          |            |
|               |                                                                                     |                                       | 12-009-08   | 6          |           |                         | 0.27 (7.0)         | 0.48 (12.0)        | 1,000 (305)        |            |
|               |  | ADP S                                 | 12-301-07   | 3          | 22 (0.64) | -                       | 0.27 (6.8)         | 0.45 (11.4)        | 1,000 (305)        | Reel       |
|               |                                                                                     |                                       | 12-501-07   | 5          |           |                         | 0.28 (7.1)         | 0.49 (12.0)        |                    |            |
| Buried        |  | BDW A                                 | 04-098-85   | 2          | 24 (0.51) | -                       | 0.27 (6.9)         |                    | 5,000 (1,524)      | Reel       |
|               |                                                                                     |                                       | 04-097-85   | 6          |           |                         | 0.35 (8.9)         |                    |                    |            |
|               |  | BDW G                                 | 04-052-17   | 2          | 22 (0.64) | -                       | 0.32 (8.1)         |                    | 1,000 (305)        | Reel       |
|               |                                                                                     |                                       | 04-067-16   | 6          |           |                         | 0.40 (10)          |                    |                    |            |
|               |  | BW GDJ                                | 25-360-79   | 3          | 22 (0.64) | -                       | 0.33 (8.4)         |                    | 1,200 (366)        | Reel       |
|               |                                                                                     |                                       | 25-555-79   | 5          |           |                         | 0.38 (9.0)         |                    | 1,000 (305)        |            |
|               |  | BW AF                                 | 25-069-86   | 2          | 22 (0.64) | -                       | 0.27 (6.9)         |                    | 1,300 (396)        | Reel       |
|               |                                                                                     |                                       | 25-549-86   | 5          |           |                         | 0.33 (8.4)         |                    | 5,000 (1,676)      |            |
| Miscellaneous |  | Temporary Drop Wire TDW               | 12-311-36   | 2          | 22 (0.64) | Red/Green, Yellow/Black | 0.14 (3.6)         |                    | 1,000 (305)        | POP box    |
|               |                                                                                     |                                       | 12-331-36   | 1          | 24 (0.51) | Red/Green               | 0.13 (3.3)         |                    | 2,000 (610)        |            |
|               |  | Ground Wire Gray Jacketed             | 12-101-04   | -          | 6 (4.12)  | -                       | 0.22 (5.6)         |                    | 200 (61)           | Boxed coil |
|               |                                                                                     |                                       | 12-111-04   | -          | 10 (2.59) | -                       | 0.14 (3.6)         |                    |                    |            |
|               |  | Cross-Connect CAT 5 Wire XWC          | 02-011-23   | 1          | 24 (0.51) | White/Blue              | 0.08 (2.0)         |                    | 1,000 (305)        | Spool      |
|               |                                                                                     |                                       | 02-032-23   |            |           | Violet/Blue             |                    |                    |                    |            |
|               |  | Indoor/Outdoor Cross-Connect Wire XCW | 02-111-13   | 1          | 22 (0.64) | White/Blue              | 0.07 (1.8)         |                    | 1,000 (305)        | Spool      |
|               |                                                                                     |                                       | 02-102-13   |            |           | Yellow/Blue             |                    |                    |                    |            |
|               |                                                                                     |                                       | 02-001-13   |            | 24 (0.51) | White/Blue              |                    |                    | 600 (183)          |            |
| 02-D02-13     |                                                                                     |                                       | Yellow/Blue |            |           |                         |                    |                    |                    |            |

## Interconnect

## Distribution

## Interlock Armored

|                                                                                     | Product Name                               | Listing     | Fiber Type  | Part Number <sup>1</sup> | Fiber Count | Nominal Diameter in (mm)              |
|-------------------------------------------------------------------------------------|--------------------------------------------|-------------|-------------|--------------------------|-------------|---------------------------------------|
|    | Interconnect Round                         | OFNR        | Single Mode | 33***x101                | 1, 2, 4     | 0.11 (2.9) – 0.20 (5.0)               |
|                                                                                     |                                            |             | Multimode   | 33***yG01                |             |                                       |
|                                                                                     |                                            | OFNP        | Single Mode | 34***x101                | 1, 2, 4     | 0.11 (2.9) – 0.17 (4.2)               |
|                                                                                     |                                            |             | Multimode   | 34***yG01                |             |                                       |
|    | Duplex Interconnect Zip                    | OFNR        | Single Mode | B3002x101                | 2           | 0.11 x 0.24 (2.9 x 6.2)               |
|                                                                                     |                                            |             |             | C3002x101                |             | 0.08 x 0.17 (2.0 x 4.2)               |
|                                                                                     |                                            |             | Multimode   | B3002yG01                |             | 0.11 x 0.24 (2.9 x 6.2)               |
|                                                                                     |                                            |             |             | C3002yG01                |             | 0.08 x 0.17 (2.0 x 4.2)               |
|                                                                                     | OFNP                                       | Single Mode | B4002x101   | 0.11 x 0.24 (2.9 x 6.2)  |             |                                       |
|                                                                                     |                                            |             | C4002x101   | 0.08 x 0.17 (2.0 x 4.2)  |             |                                       |
|                                                                                     |                                            | Multimode   | B4002yG01   | 0.11 x 0.24 (2.9 x 6.2)  |             |                                       |
|                                                                                     |                                            |             | C4002yG01   | 0.08 x 0.17 (2.0 x 4.2)  |             |                                       |
|    | Microarray Data Center Interconnect        | OFNR        | Multimode   | P3012yG01 <sup>2</sup>   | 12          | 0.12 (3.0)                            |
|                                                                                     |                                            | OFNP        |             | P4012yG01 <sup>2</sup>   |             |                                       |
|    | Microarray Breakout                        | OFNR        | Multimode   | P3048yG01 <sup>2</sup>   | 48          | 0.41 (10.5)                           |
|                                                                                     |                                            |             |             | P3072yG01 <sup>2</sup>   | 72          | 0.50 (12.6)                           |
|                                                                                     |                                            | OFNP        |             | P4048yG01 <sup>2</sup>   | 48          | 0.35 (9.0)                            |
|                                                                                     |                                            |             |             | P4072yG01 <sup>2</sup>   | 72          | 0.43 (10.9)                           |
|    | Single Unit Distribution                   | OFNR        | Single Mode | 43***x101                | 6, 8, 12    | 0.20 (5.0), 0.24 (6.0), 0.26 (6.5)    |
|                                                                                     |                                            |             | Multimode   | 43***yG01                |             |                                       |
|                                                                                     |                                            |             | Single Mode | 43***xK01                | 18, 24      | 0.30 (7.5), 0.33 (8.5)                |
|                                                                                     |                                            |             |             | Multimode                |             |                                       |
|                                                                                     |                                            | OFNP        | Single Mode | 44***x101                | 6, 8, 12    | 0.20 (5.0), 0.21 (5.4), 0.24 (6.2)    |
|                                                                                     |                                            |             | Multimode   | 44***yG01                |             |                                       |
|                                                                                     |                                            |             | Single Mode | 44***xK01                | 18, 24      | 0.28 (7.0), 0.31 (7.8)                |
|                                                                                     |                                            |             | Multimode   | 44***yK01                |             |                                       |
|    | Multi-Unit Distribution                    | OFNR        | Single Mode | 43***x101                | 18 – 144    | 0.54 (13.7) – 1.11 (28.3)             |
|                                                                                     |                                            |             | Multimode   | 43***yG01                |             |                                       |
|                                                                                     |                                            | OFNP        | Single Mode | 44***x101                |             | 0.54 (13.8) – 0.92 (23.4)             |
|                                                                                     |                                            |             | Multimode   | 44***yG01                |             |                                       |
|  | Rugged Indoor MDU                          | OFNR        | Single Mode | D3001x501 <sup>3</sup>   | 1           | 0.20 (5.0)                            |
|  | Rugged I/O MDU                             | OFNR        | Single Mode | D5001x501 <sup>3</sup>   | 1           | 0.20 (5.0)                            |
|  | Indoor/Outdoor Sunlight Resistant          | OFNP        | Single Mode | 24***x101 <sup>4</sup>   | 2 – 72      | 0.17 (4.2) – 0.81 (20.6)              |
|                                                                                     |                                            |             | Multimode   | 24***yG01                |             |                                       |
|  | Dry Block/Sunlight Resistant I/O           | OFNR        | Single Mode | W3***x101                | 2 – 144     | 0.20 (5.0) – 1.11 (28.3)              |
|                                                                                     |                                            |             | Multimode   | W3***yG01                |             |                                       |
|                                                                                     |                                            | OFNP        | Multimode   | W4***yG01 <sup>2</sup>   | 6, 8, 12    | 0.23 (5.9) – 0.30 (7.5)               |
|  | Interlock Armored Single Unit Tight Buffer | OFCR        | Single Mode | L3***x301                | 2, 4        | 0.54 (13.8)                           |
|                                                                                     |                                            |             |             | L3***x401                | 6, 8, 12    | 0.54 (13.8), 0.54 (13.8), 0.62 (15.7) |
|                                                                                     |                                            |             |             | L3***xK1Q                | 18, 24      | 0.66 (16.8), 0.70 (17.8)              |
|                                                                                     |                                            |             | Multimode   | L3***y301                | 2, 4        | 0.54 (13.8)                           |
|                                                                                     |                                            |             |             | L3***y401                | 6, 8, 12    | 0.54 (13.8), 0.54 (13.8), 0.62 (15.7) |
|                                                                                     |                                            |             |             | L3***yK1Q                | 18, 24      | 0.66 (16.8), 0.70 (17.8)              |
|                                                                                     |                                            | OFCP        | Single Mode | L4***x301                | 2, 4        | 0.50 (12.7)                           |
|                                                                                     |                                            |             |             | L4***x401                | 6, 8, 12    | 0.50 (12.7), 0.50 (12.7), 0.55 (13.9) |
|                                                                                     |                                            |             |             | L4***xK1Q                | 18, 24      | 0.59 (15.1)                           |
|                                                                                     |                                            |             | Multimode   | L4***y301                | 2, 4        | 0.50 (12.7)                           |
|                                                                                     |                                            |             |             | L4***y401                | 6, 8, 12    | 0.50 (12.7), 0.50 (12.7), 0.55 (13.9) |
|                                                                                     |                                            |             |             | L4***yK1Q                | 18, 24      | 0.59 (15.1)                           |
|  | Interlock Armored Multi-Unit Tight Buffer  | OFCR        | Single Mode | L3***x401                | 18 – 144    | 0.95 (24.1) – 1.48 (37.6)             |
|                                                                                     |                                            |             | Multimode   | L3***y401                |             |                                       |
|                                                                                     |                                            | OFCP        | Single Mode | L4***x401                | 18 – 72     | 0.85 (21.7) – 1.19 (30.3)             |
|                                                                                     |                                            |             | Multimode   | L4***y401                |             |                                       |

<sup>1</sup>Where "\*\*\*\*" = fiber count (i.e. 002, 004, 006, 008, 012, 018, 024, 036, 048, 060, 072, 096, 144), "x" = single mode fiber (SMF) type and "y" = multimode fiber (MMF) type (see keys below). <sup>2</sup>SMF types also available. <sup>3</sup>MDU designs only available with "J" or "L" SMF types. <sup>4</sup>Not available with "3" or "2" SMF types.

## Single Mode Optical Fiber Types

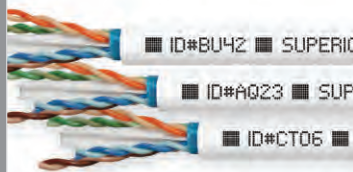
|                                | Reduced Water Peak | Zero Water Peak | TeraFlex® Bend Resistant |          |          |
|--------------------------------|--------------------|-----------------|--------------------------|----------|----------|
|                                |                    |                 | G.657.A1                 | G.657.A2 | G.657.B3 |
| <sup>1</sup> Replace "x" with: | 3                  | 2               | K                        | J        | L        |
| Premises Jacket Colors         | Yellow             |                 |                          |          |          |
| I/O Jacket Color               | Black              |                 |                          |          |          |

## Multimode Optical Fiber Types

|                                | TeraGain®<br>62.5/125 | TeraGain<br>Laser Optimized 50/125 |         |         | TeraFlex Bend Resistant<br>Laser Optimized 50/125 |         |         |
|--------------------------------|-----------------------|------------------------------------|---------|---------|---------------------------------------------------|---------|---------|
|                                |                       | 10G/150                            | 10G/300 | 10G/550 | 10G/150                                           | 10G/300 | 10G/550 |
| <sup>1</sup> Replace “y” with: | 6                     | A                                  | B       | F       | M                                                 | N       | P       |
| Premises Jacket Colors         | Orange                | Aqua                               |         |         |                                                   |         |         |
| I/O Jacket Color               | Black                 |                                    |         |         |                                                   |         |         |



Identify Your Cable Runs with Ease



#### CableID®

##### Alpha Numeric Coding

- 4-character printed code, every 2 ft, on the cable jacket for each 1,000-ft box and reel of copper data cable
- Both ends of each cable run are easily identifiable without the need to separately label or tone the cable
- Reduces installation time and cost for initial installations and for moves, adds and changes



##### Color Coded Box Labels

- Easily identifies cable jacket color
- Most colors available with no minimum quantity and custom colors available upon request with minimum order quantities



#### QuickCount®

##### Feet/Meters Marking

- Jacket marking in feet and meters
- Provides remaining length of cable on reel removing the guesswork for cable installers
- Saves installation time and money



#### ColorTip™

##### Circuit Identification

- Circumferentially colors 100% of the conductor for easily identifiable tip and ring mates
- Distinct colors reduces termination time and errors, even in low light environments
- Permanent, environmentally friendly color that doesn't rub or wear off



#### BrakeBox® Dual Brake System

The brake allows for back-tension and over-spin control. The spool may be taken from the box for installation or may be left in the box where the cable pays out through a slotted opening.



#### POP™ Box

In this package, the cable is coiled into a box. The product pays out through a tube opening in the box. This design does not allow for the cable to be removed as a unit from the box.



#### Reel-in-a-Box

The cable is placed onto a plastic spool, which is placed into a box. The spool may be taken from the box for installation or may be left in the box where the cable pays out through a slotted opening.



#### Steel Reel

Long lengths of cable are placed onto steel reels. This reel is environmentally-friendly and recycled for years of service.



#### Wood/Plywood Reel

Reels may be made of plywood or wood. Our wooden reels can be recycled an average of five times before retirement (see Web site for further details).



#### Spool or Ribbed Spool

Wire is wound onto a spool and placed inside a box for protection during shipment. Cable is wound onto a ribbed, plastic recyclable spool that is rugged, robust and easy to handle. Spools are smaller than reels.



#### Parallel Cone

This package is designed to fit into the GMP cast aluminum wire dispensing system (80470 or 80471). When placed on the GMP dispenser, the jumper or distribution frame wire pays out smoothly.



#### Knock-out Box

Cable is coiled and fastened within a box. Knock out boxes can be identified by a perforated "knock-out" that is removed, allowing access to the cable.



#### Coils

Coils refer to lengths of cable that have been wrapped into a shape (usually a circle) and fastened with multiple ties. Coils can be custom configured to fit a customer's unique cable and wire feeding systems.