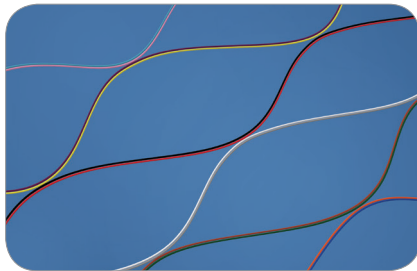
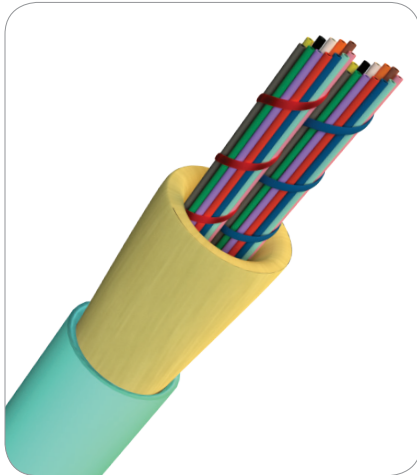


NEW
SWR Technology



SpiderWeb Ribbon Technology

Interconnect Premise MicroCore® Cable with SpiderWeb® Ribbon (SWR®) Technology

Interconnect Premise MicroCore cables with SWR are designed for MTP terminations and meet the interconnect standards of Telcordia® GR-409. To minimize the cable's diameter, SWR and aramid strands are packaged in a high performance PVC or LSZH jacket. Fiber counts from 12 to 144 fibers are available. Both Simplex and Zipcord designs are available.

SWR is a bonded fiber design allowing for either a highly efficient ribbonizing application or for individual fiber breakouts. This flexibility allows for the application of a single cable design to cover a diverse set of applications. High-density round designs allow for the most efficient use of space and materials, resulting in a cost-effective solution.

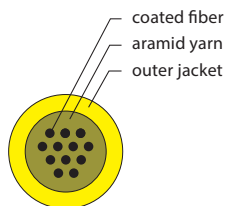
Features

- Plenum NFPA 262 rated
- LSZH cables compliant to IEC60332, IEC60754 and IEC61034
- Tested to meet or exceed GR-409-CORE
- Compliant to Directive 2002/95/EC (RoHS)
- 3.0 mm Outer Diameter for Round Boot 12-fiber MTP Cables
- 3.0 mm or 3.8 mm Outer Diameter for Round Boot 24-fiber MTP Cables
- 4.0 mm Outer Diameter for Round Boot 48-count MTP Cables
- Exceptional skew performance

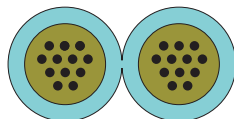
Applications

- Building Interconnections
- Data Centers and Central Offices
- Anywhere MTP connections can be used
- High-density Interconnects
- 40 Gbit and 100 Gbit Ethernet Architecture

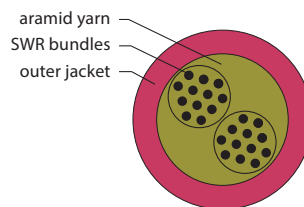
Cable Components



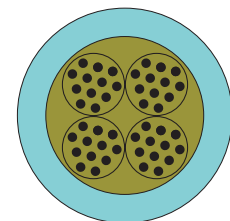
12 Fiber Simplex



24 Fiber Zipcord
(3.0 mm only)



24 Fiber Simplex



48 Fiber Simplex

Interconnect Premise MicroCore® Cable with SpiderWeb® Ribbon (SWR®) Technology

Mechanical Data

| CABLE TYPE | FIBER COUNT | NOMINAL DIAMETER | WEIGHT | TENSION LBS (N) | | BENDING RADIUS INCHES (CM) | |
|-------------------|-------------|------------------|---------------------|-----------------|-----------|----------------------------|-----------|
| | | INCHES (MM) | LBS/1000 FT (KG/KM) | INSTALLATION | LONG TERM | INSTALLATION | LONG TERM |
| SINGLE SMALL FORM | 24 | 0.12 (3.0) | 5.3 (7.9) | 22 (98) | 7 (30) | 1.8 (4.5) | 1.2 (3.0) |
| | 48 | 0.16 (4.0) | 9.4 (14.0) | 22 (98) | 7 (30) | 2.4 (6.0) | 1.6 (4.0) |
| | 72 | 0.22 (5.5) | 21.5 (32.0) | 22 (98) | 7 (30) | 3.3 (8.3) | 2.2 (5.5) |
| | 144 | 0.35 (9.0) | 55.8 (83.0) | 22 (98) | 7 (30) | 5.3 (13.5) | 3.6 (9.0) |
| SIMPLEX | 12 | 0.12 (3.0) | 5.3 (7.9) | 50 (220) | 17 (75) | 1.8 (4.5) | 1.2 (3.0) |
| | 24 | 0.15 (3.8) | 10.1 (15.0) | 75 (330) | 25 (110) | 2.2 (5.7) | 1.5 (3.8) |
| ZIPCORD | 24 | 0.12 (3.0) | 12.4 (18.4) | 100 (445) | 33 (147) | 1.8 (4.5) | 1.2 (3.0) |

Cable Jacket Color Options

| | |
|------------|------------------------|
| 1 - Blue | 8 - Black |
| 2 - Orange | 9 - Yellow (SM) |
| 3 - Green | A - Violet |
| 4 - Brown | B - Rose |
| 5 - Slate | C - Aqua (OM3 and OM4) |
| 6 - White | K - Erika Violet (OM4) |
| 7 - Red | L - Lime |

Temperature Specifications

| TEMPERATURE RANGE | |
|-------------------|----------------|
| INSTALLATION | 0°C to +70°C |
| OPERATING | 0°C to +70°C |
| STORAGE | -40°C to +75°C |

SWR Fiber Specifications

| CORE SIZE/FIBER TYPE | ISO | MAXIMUM ATTENUATION (DB/KM) | | | OVERFILL LAUNCH MIN. BANDWIDTH (MHZ•KM) | | EMBC (MHZ•KM) | GIGABIT ETHERNET MIN. LINK DISTANCE (METERS) | | 10 GIGABIT ETHERNET MIN. LINK DISTANCE (METERS) | |
|---|-----|-----------------------------|---------|---------|---|---------|---------------|--|---------|---|---------|
| | | 850 NM | 1300 NM | 1550 NM | 850 NM | 1300 NM | | 850 NM | 1300 NM | 850 NM | 1300 NM |
| (L) AFL Bend-Insensitive OM3 50 µm | OM3 | 3.0 | 1.2 | N/A | 1,500 | 500 | 2,000 | 1,000 | 550 | 300 | — |
| (C) AFL Bend-Insensitive OM4 50 µm | OM4 | 3.0 | 1.2 | N/A | 3,500 | 500 | 4,700 | 1,040 | 550 | 550 | — |
| (P) AFL Bend-Insensitive Single-mode (ITU G.652.D/G.657.A1) | OS2 | N/A | 0.5 | 0.5 | N/A | N/A | N/A | N/A | 5,000 | N/A | 10,000 |

Ordering Information

| CABLE TYPE | FIBER COUNT | AFL NO. | | | | | |
|-------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | SINGLE-MODE | | OM3 | | OM4 | |
| | | PLENUM | LSZH | PLENUM | LSZH | PLENUM | LSZH |
| SINGLE SMALL FORM | 24 | SP024P301#0R | SE024P301#0R | SP024L301#0S | SE024L301#0S | SP024C301#0S | SE024C301#0S |
| | 48 | SP048P401#0R | SE048P401#0R | SP048L401#0S | SE048L401#0S | SP048C401#0S | SE048C401#0S |
| | 72 | SP072P551#0R | SE072P551#0R | SP072L551#0S | SE072L551#0S | SP072C551#0S | SE072C551#0S |
| | 144 | SP144P901#0R | SE144P901#0R | SP144L901#0S | SE144L901#0S | SP144C901#0S | SE144C901#0S |
| SIMPLEX | 12 | SP012P301#0R | SE012P301#0R | SP012L301#0S | SE012L301#0S | SP012C301#0S | SE012C301#0S |
| | 24 | SP024P381#0R | SE024P381#0R | SP024L381#0S | SE024L381#0S | SP024C381#0S | SE024C381#0S |
| ZIPCORD | 24 | ZP024P301#0R | ZE024P301#0R | ZP024L301#0S | ZE024L301#0S | ZP024C301#0S | ZE024C301#0S |

Replace # with number corresponding to desired jacket color from Jacket Color Options table