Powered Fiber Cable, OM3, 2 Fibers, Indoor/Outdoor, 16AWG Conductor, feet

- Easy peel, stranded conductors for maximum cable flexibility and rapid access
- Polarization indentation along one side of the cable for polarity identification
- No special tools or mounting hardware required - usage of a standard “FTTH” pressure clamp for aerial installation
- Easy split of cable into three separate sections for separate routing in closures, as needed for installation
- Riser/LSZH jacket for indoor/outdoor applications

Product Classification

Regional Availability: North America
Product Type: Hybrid cable, fiber and power
Ordering Note: Minimum order quantity is 1640 feet

General Specifications

Cable Type: Stranded indoor/outdoor
Fiber Short Description: PFC-L16
Jacket Color: Black
Total Fiber Count: 2

Dimensions

Height Over Jacket: 4.318 mm | 0.17 in
Width Over Jacket: 11.43 mm | 0.45 in
Conductor Gauge: 16 AWG
Electrical Specifications

Voltage Rating

300 V

Mechanical Specifications

Minimum Bend Radius, loaded
88.9 mm  |  3.5 in

Minimum Bend Radius, unloaded
45.72 mm  |  1.8 in

Tensile Load, long term, maximum
133.447 N  |  30 lbf

Tensile Load, short term, maximum
440.374 N  |  99 lbf

Vertical Rise, maximum
122.011 m  |  400.3 ft

Optical Specifications

Fiber Type
OM3, bend insensitive

Environmental Specifications

Installation temperature
-10 °C to +60 °C (+14 °F to +140 °F)

Operating Temperature
-40 °C to +70 °C (-40 °F to +158 °F)

Storage Temperature
-40 °C to +70 °C (-40 °F to +158 °F)

Cable Qualification Standards
Telcordia GR-20-CORE Issue 4

EN50575 CPR Cable EuroClass Fire Performance
Dca

EN50575 CPR Cable EuroClass Smoke Rating
s1a
PFC-302L16F

**EN50575 CPR Cable EuroClass Droplets Rating**  d1
**EN50575 CPR Cable EuroClass Acidity Rating**  a1

**Environmental Space**  Low Smoke Zero Halogen (LSZH)  |  Riser
**Flame Test Method**  IEC 60332-1-2  |  IEC 60754-2  |  IEC 61034-2  |  UL 1666  |  UL 444
**Jacket UV Resistance**  UV stabilized

### Packaging and Weights

**Cable weight**  69.944 kg/km  |  47 lb/kft

### Regulatory Compliance/Certifications

**Agency**  CENELEC
**Classification**  EN 50575 compliant, Declaration of Performance (DoP) available

### Included Products

- **CS-5E-PFC**  50µm OM3 Bend-Insensitive Multimode Fiber

### Footnotes

**Operating Temperature**  Specification applicable to non-terminated bulk fiber cable