



Powered Fiber Cable, OS2, 2 Fibers, Indoor/Outdoor, 12AWG Conductor, meter

- 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

| | |
|------------------------------|---|
| Product Series | PFC |
| Product Type | Hybrid cable |
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |

Standards And Qualifications

| | |
|--------------------------------------|------------------------------|
| Cable Qualification Standards | Telcordia GR-20-CORE Issue 4 |
| EN50575 CPR Cable EuroClass | Dca s1a d1 a1 |

General Specifications

| | |
|------------------------|-------------------------------------|
| Cable Type | Stranded indoor/outdoor |
| Conductor Gauge | 12 AWG |
| Ordering Note | Minimum order quantity is 500 meter |

Construction Materials

| | |
|-----------------------------|----------------|
| Total Fiber Count | 2 |
| Fiber Type | G.657.A2 OS2 |
| Jacket Color | Black |
| Jacket UV Resistance | UV stabilized |

Dimensions

| | |
|---------------------------|--------------------|
| Cable Weight | 110.0 kg/km |
| Height Over Jacket | 4.30 mm 0.17 in |
| Width Over Jacket | 11.50 mm 0.45 in |

Physical Specifications

| | |
|--------------------------------------|------------------|
| Minimum Bend Radius, loaded | 90.0 mm 3.5 in |
| Minimum Bend Radius, unloaded | 45.0 mm 1.8 in |

PFC-S02L12

Tensile Load, long term, maximum 132 N | 30 lbf
Tensile Load, short term, maximum 440 N | 99 lbf
Vertical Rise, maximum 122.0 m | 400.3 ft

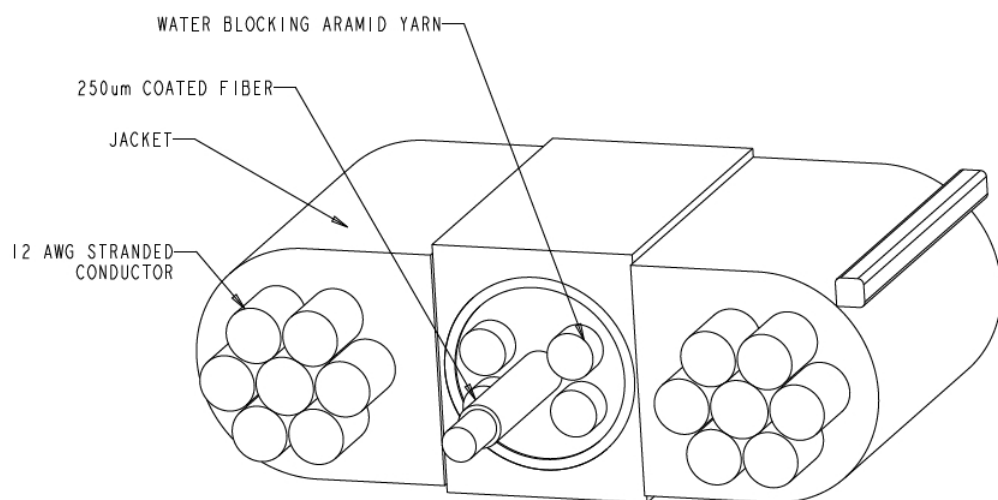
Flame Test Specifications

Flame Test Method IEC 60332-1-2 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 444

Environmental Specifications

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser
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)

Outline Drawing



Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU
CENELEC

Classification
Compliant
EN 50575 compliant, Declaration of Performance (DoP) available



Included Products

CS-5E-PFC (Product Component—not orderable) — 50µm OM3 Bend-Insensitive Multimode Fiber

CS-8G-PFC (Product Component—not orderable) — Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable