

PFC-304L12



Powered Fiber Cable, OM3, 4 Fibers, Indoor/Outdoor, 12AWG Conductor, meter, 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
- Cable should not be installed in conduit, direct burial applications or below grade where cable is immersed or is continually in contact with water or moisture

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Product Type | Hybrid cable, fiber and power |
| Ordering Note | Minimum order quantity is 500 meter |

General Specifications

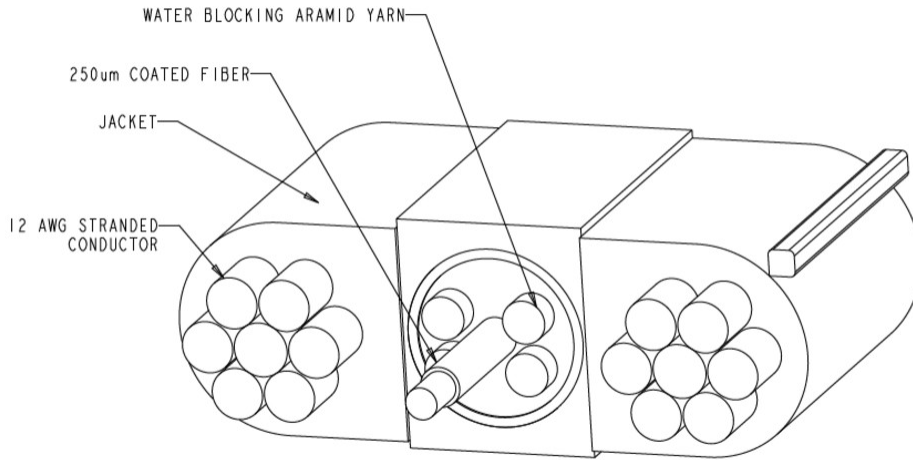
| | |
|--------------------------------|-------------------------|
| Cable Type | Stranded indoor/outdoor |
| Fiber Short Description | PFC-L12 |
| Jacket Color | Black |
| Total Fiber Count | 4 |

Dimensions

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|---------------------------|--------------------|
| Height Over Jacket | 4.318 mm 0.17 in |
| Width Over Jacket | 11.43 mm 0.45 in |
| Conductor Gauge | 12 AWG |

Outline Drawing

PFC-304L12



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-304L12

| | |
|--|---|
| 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 NFPA 130 UL 1666 UL 444 |
| Jacket UV Resistance | UV stabilized |

Packaging and Weights

| | |
|---------------------|-----------------------------|
| Cable weight | 109.975 kg/km 73.9 lb/kft |
|---------------------|-----------------------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CENELEC | EN 50575 compliant, Declaration of Performance (DoP) available |
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



Included Products

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