

PFC-S04012



Powered Fiber Cable, OS2, 4 Fibers, 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
- Polyethylene jacket for outdoor duct or direct buried applications

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

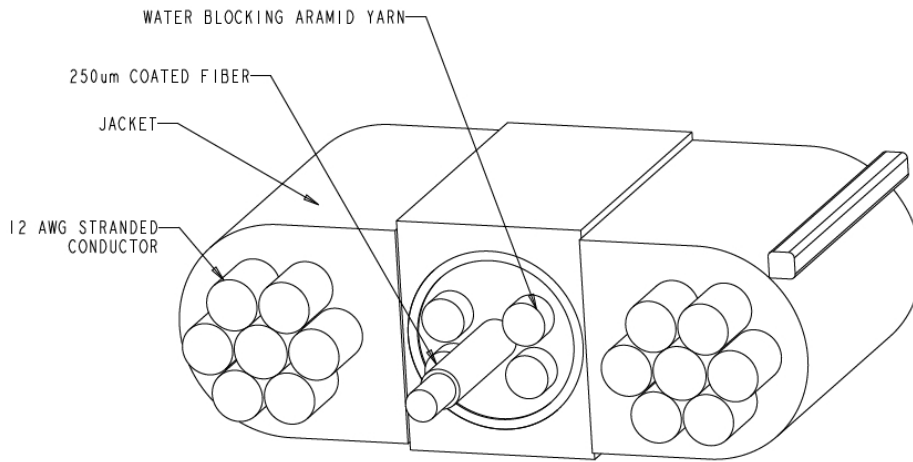
| | |
|--------------------------------|------------------|
| Cable Type | Stranded outdoor |
| Fiber Short Description | PFC-012 |
| Jacket Color | Black |
| Total Fiber Count | 4 |

Dimensions

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

Outline Drawing

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Mechanical Specifications

| | |
|--|----------------------|
| Minimum Bend Radius, loaded | 50.8 mm 2 in |
| Minimum Bend Radius, unloaded | 30.48 mm 1.2 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 | G.657.A2, TeraSPEED® OS2 |
|-------------------|----------------------------|

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 |
| Environmental Space | Outdoor |
| Jacket UV Resistance | UV stabilized |

Packaging and Weights

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

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Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| 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-8G-PFC | - | Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2) |
|-----------|---|--|