

# PFC-S02L12

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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

### 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

2

## Dimensions

### Height Over Jacket

4.318 mm | 0.17 in

### Width Over Jacket

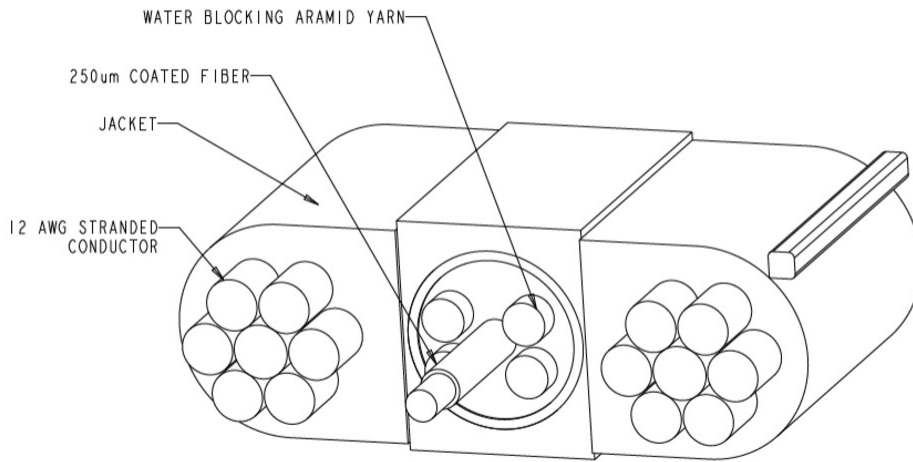
11.43 mm | 0.45 in

### Conductor Gauge

12 AWG

## Outline Drawing

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## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	88.9 mm   3.5 in
<b>Minimum Bend Radius, unloaded</b>	45.72 mm   1.8 in
<b>Tensile Load, long term, maximum</b>	133.447 N   30 lbf
<b>Tensile Load, short term, maximum</b>	440.374 N   99 lbf
<b>Vertical Rise, maximum</b>	122.011 m   400.3 ft

## Optical Specifications

<b>Fiber Type</b>	G.657.A2   OS2
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## Environmental Specifications

<b>Installation temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	Telcordia GR-20-CORE Issue 4
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Dca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s1a
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d1
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)   Riser

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**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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant



## Included Products

CS-5E-PFC

- 50µm OM3 Bend-Insensitive Multimode Fiber

CS-8G-PFC

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