

# PFC-302L12

---



Powered Fiber Cable, OM3, 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

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

## General Specifications

<b>Cable Type</b>	Stranded indoor/outdoor
<b>Fiber Short Description</b>	PFC-L12
<b>Jacket Color</b>	Black
<b>Total Fiber Count</b>	2

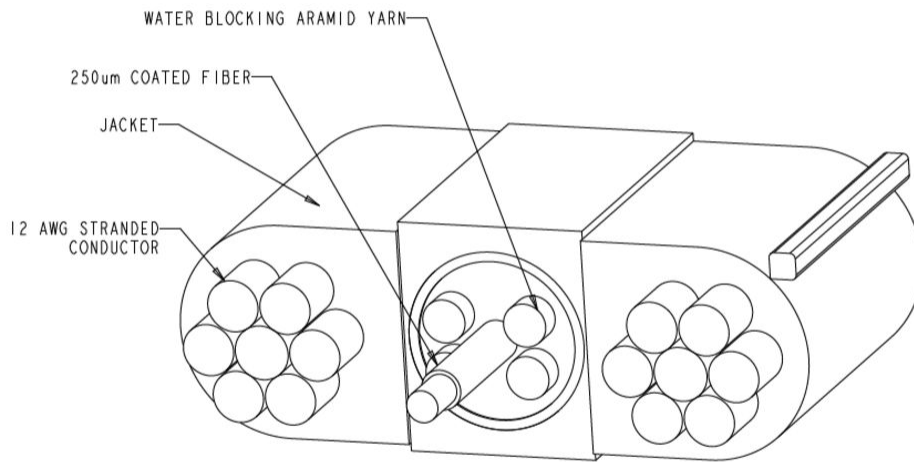
## Dimensions

<b>Height Over Jacket</b>	0.17 in   4.318 mm
<b>Width Over Jacket</b>	0.45 in   11.43 mm
<b>Conductor Gauge</b>	12 AWG

## Outline Drawing

# PFC-302L12

---



## Mechanical Specifications

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

## Optical Specifications

<b>Fiber Type</b>	OM3, bend insensitive
-------------------	-----------------------

## Environmental Specifications

<b>Installation temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
---------------------------------	--------------------------------------

# PFC-302L12

---

<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</b>	Dca   a1   d1   s1a
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)   Riser
<b>Flame Test Method</b>	IEC 60332-1-2   IEC 60754-2   IEC 61034-2   UL 1666
<b>Jacket UV Resistance</b>	UV stabilized

## Packaging and Weights

<b>Cable weight</b>	73.9 lb/kft   10.217 kg/km
---------------------	----------------------------

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CENELEC	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