

PFC-302L12



Powered Fiber Cable, OM3, 2 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

2

Dimensions

Height Over Jacket

4.318 mm | 0.17 in

Width Over Jacket

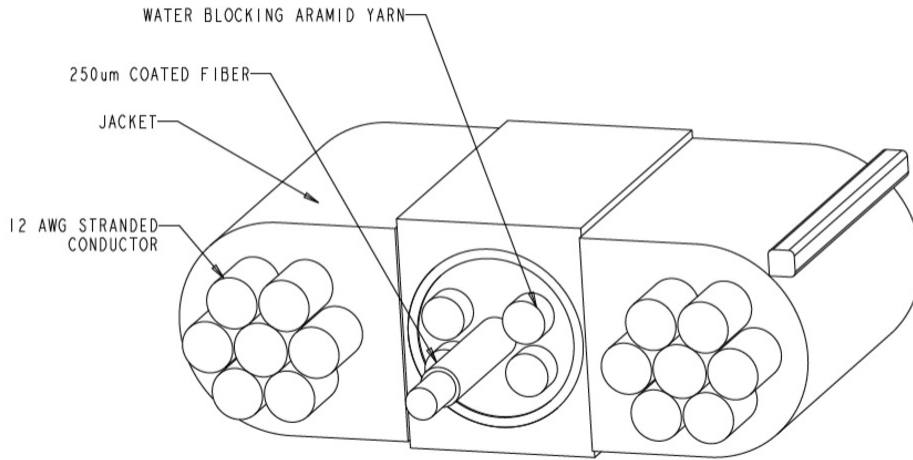
11.43 mm | 0.45 in

Conductor Gauge

12 AWG

Outline Drawing

PFC-302L12



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

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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
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
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