

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

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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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 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



Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable