

PFC-302L12F



Powered Fiber Cable, OM3, 2 Fibers, Indoor/Outdoor, 12AWG Conductor, 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

Product Classification

Regional Availability	North America
Product Type	Hybrid cable, fiber and power
Ordering Note	Minimum order quantity is 1640 feet

General Specifications

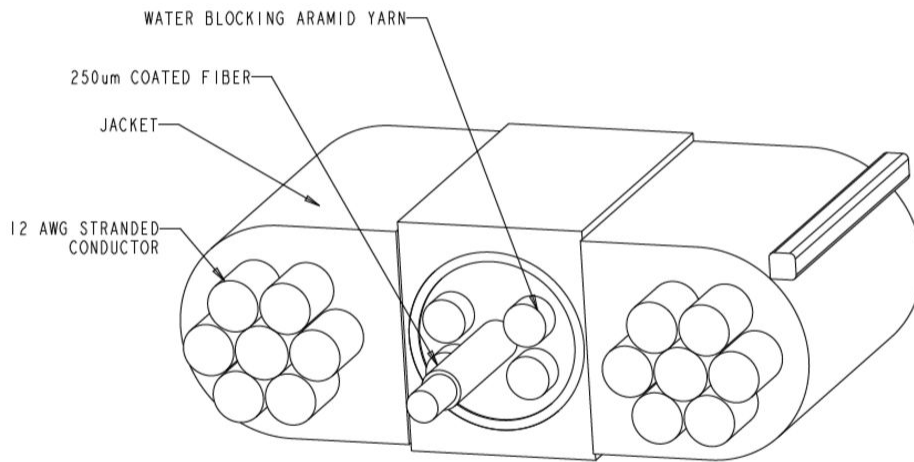
Cable Type	Stranded indoor/outdoor
Fiber Short Description	PFC-L12
Jacket Color	Black
Total Fiber Count	2

Dimensions

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

Outline Drawing

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Mechanical Specifications

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

Optical Specifications

Fiber Type	OM3, bend insensitive
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Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
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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	Dca a1 d1 s1a
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser
Flame Test Method	IEC 60332-1-2 IEC 60754-2 IEC 61034-2 UL 1666 UL 444
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	73.9 lb/kft 10.217 kg/km
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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