

PFC-302012



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

- 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
- Polyethylene jacket for outdoor duct or direct buried 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

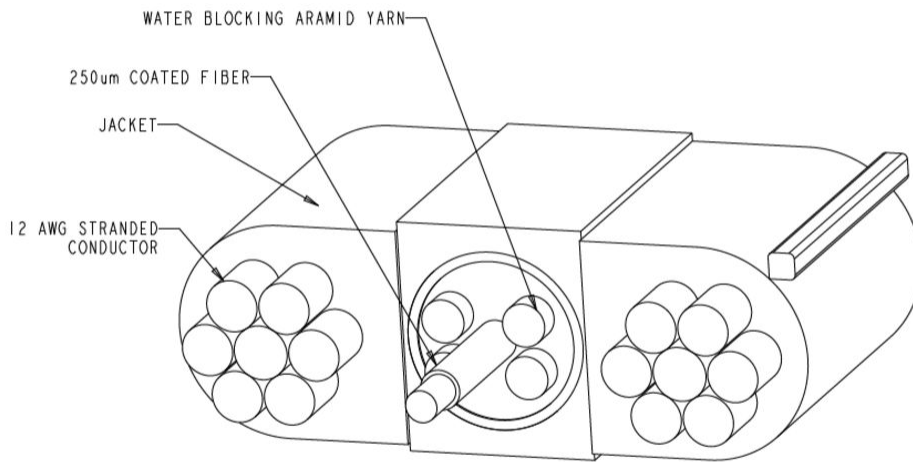
Cable Type	Stranded outdoor
Fiber Short Description	PFC-O12
Jacket Color	Black
Total Fiber Count	2

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	2 in 50.8 mm
Minimum Bend Radius, unloaded	1.2 in 30.48 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
Environmental Space	Outdoor
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
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable