PFC-S02012

Powered Fiber Cable, OS2, 2 Fibers, 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
- Polyethylene jacket for outdoor duct or direct buried applications

Product Classification

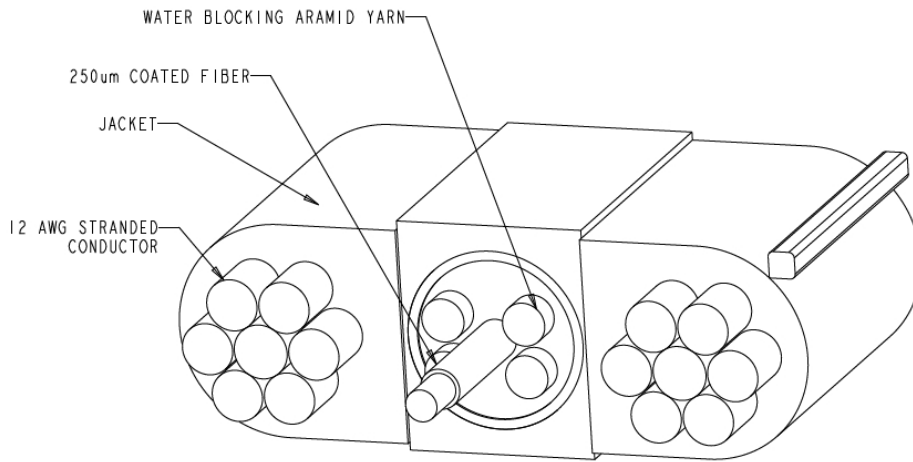|	
Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Product Type	Hybrid cable, fiber and power
Ordering Note	Minimum order quanity is 500 meter

General Specifications

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

Dimensions

Height Over Jacket	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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WATER BLOCKING ARAMID YARN
250um COATED FIBER
JACKET
12 AWG STRANDED CONDUCTOR

Mechanical Specifications

Minimum Bend Radius, loaded	50.8 mm | 2 in
Minimum Bend Radius, unloaded	30.48 mm | 1.2 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	G.657.A2, TeraSPEED® | OS2

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
Environmental Space	Outdoor
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
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-8G-PFC   –   Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

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