PFC-S02L16F

Powered Fiber Cable, OS2, 2 Fibers, Indoor/Outdoor, 16AWG 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

OBSOLETE

Product Classification

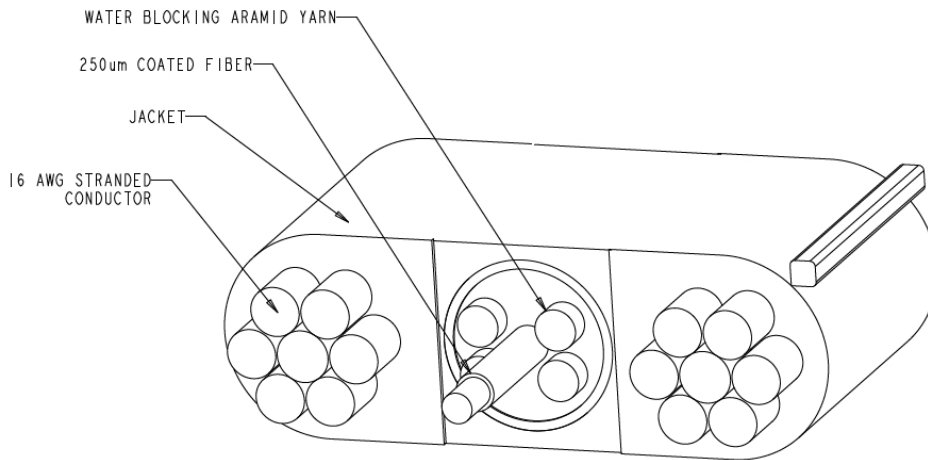|	
Regional Availability	North America
Product Type	Hybrid cable, fiber and power
Ordering Note	Minimum order quanity is 1640 feet

General Specifications

Cable Type	Stranded indoor/outdoor
Fiber Short Description	PFC-L16
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	16 AWG

Outline Drawing

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PFC-S02L16F

WATER BLOCKING ARAMID YARN
250um COATED FIBER
JACKET
16 AWG STRANDED CONDUCTOR

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	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
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH) | Riser

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Flame Test Method	IEC 60332-1-2 | IEC 60754-2 | IEC 61034-2 | NFPA 130 | UL 1666 | UL 444
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	69.944 kg/km | 47 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

CENELEC

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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