

PFC-S02L16



Powered Fiber Cable, OS2, 2 Fibers, Indoor/Outdoor, 16AWG 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
- Riser/LSZH jacket for indoor/outdoor applications
- Cable should not be installed below grade where the cable is immersed or is continually in contact with water or moisture

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

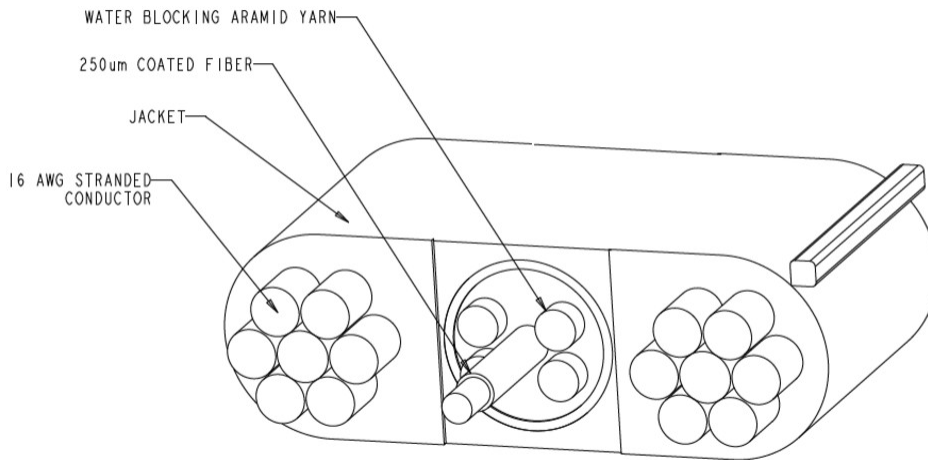
Cable Type	Stranded indoor/outdoor
Fiber Short Description	PFC-L16
Jacket Color	Black
Total Fiber Count	2

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

PFC-S02L16



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
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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	Low Smoke Zero Halogen (LSZH) Riser
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

PFC-S02L16

Cable weight

69.944 kg/km | 47 lb/kft

Regulatory Compliance/Certifications

Agency

Classification

CENELEC

EN 50575 compliant, Declaration of Performance (DoP) available



Included Products

CS-8G-PFC

- Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)