

PFC-S02L16



FiberREACH™ 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 in conduit, direct burial applications or below grade where 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
Product Brand	FiberREACH™
Ordering Note	Minimum order quantity is 500 meter

General Specifications

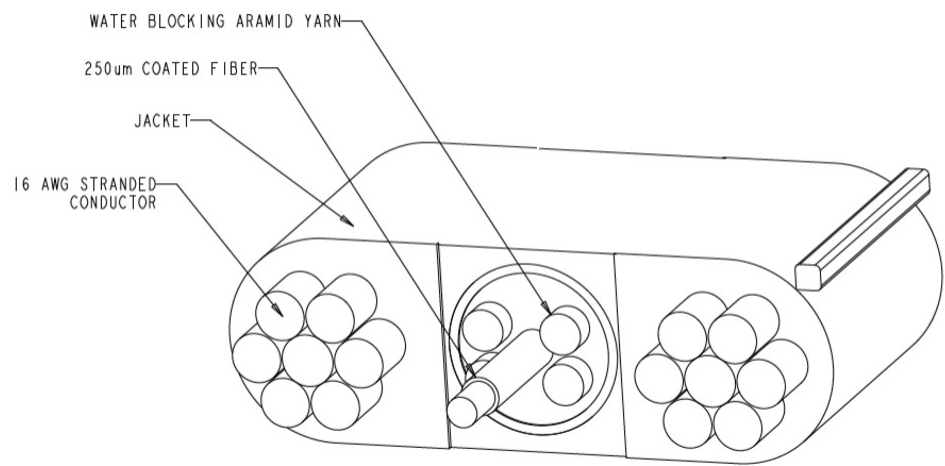
Cable Type	Stranded indoor/outdoor
Fiber Short Description	PFC-L16
Jacket Color	Black
Total Fiber Count	2

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
------------	----------------------------

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)
-----------	---	--