Powered Fiber Cable, OM3, 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

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
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 | OM3, bend insensitive

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
PFC-302L16

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

Included Products

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