Powered Fiber Cable, OM3, 4 Fibers, Indoor/Outdoor, 12AWG 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

Product Classification

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

General Specifications

Cable Type: Stranded indoor/outdoor
Fiber Short Description: PFC-L12
Jacket Color: Black
Total Fiber Count: 4

Dimensions

Height Over Jacket: 4.318 mm | 0.17 in
Width Over Jacket: 11.43 mm | 0.45 in
Conductor Gauge: 12 AWG
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-304L12F

Flame Test Method
IEC 60332-1-2 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 444

Jacket UV Resistance
UV stabilized

Packaging and Weights

Cable weight
109.975 kg/km | 73.9 lb/kft

Regulatory Compliance/Certifications

Agency
CENELEC

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

Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable