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

Outline Drawing
Electrical Specifications

Voltage Rating 300 V

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
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  109.975 kg/km  |  73.9 lb/kft

Regulatory Compliance/Certifications
Agency  Classification
CENELEC  EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS  Below maximum concentration value
REACH-SVHC  Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS  Compliant
UK-ROHS  Compliant

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