Powered Fiber Cable, OM3, 2 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
2

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
PFC-302L12

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

Jacket UV Resistance  
UV stabilized

Packaging and Weights

Cable weight  
109.975 kg/km | 73.9 lb/kft

Regulatory Compliance/Certifications

Agency  
CENELEC  
CHINA-ROHS

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