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

- 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 | 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

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENELEC</td>
<td>EN 50575 compliant, Declaration of Performance (DoP) available</td>
</tr>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
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</tbody>
</table>

## Included Products

- CS-SE-PFC – 50µm OM3 Bend-Insensitive Multimode Fiber

## Footnotes

### Operating Temperature
- Specification applicable to non-terminated bulk fiber cable