Powered Fiber Cable, OM3, 2 Fibers, Indoor/Outdoor, 16AWG 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-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**

<table>
<thead>
<tr>
<th>Flame Test Method</th>
<th>IEC 60332-1-2</th>
<th>IEC 60754-2</th>
<th>IEC 61034-2</th>
<th>UL 1666</th>
<th>UL 444</th>
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</thead>
<tbody>
<tr>
<td>Jacket UV Resistance</td>
<td>UV stabilized</td>
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**Packaging and Weights**

| Cable weight                        | 69.944 kg/km | 47 lb/kft |

**Regulatory Compliance/Certifications**

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<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tr>
<td>CENELEC</td>
<td>EN 50575 compliant, Declaration of Performance (DoP) available</td>
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**Included Products**

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

**Footnotes**

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