Powered Fiber Cable, OM3, 4 Fibers, Indoor/Outdoor, 16AWG 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-L16

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
- 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
Flame Test Method

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<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>CENELEC</td>
<td>EN 50575 compliant, Declaration of Performance (DoP) available</td>
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Jacket UV Resistance
UV stabilized

Packaging and Weights

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<tr>
<th>Cable weight</th>
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<td>69.944 kg/km</td>
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Regulatory Compliance/Certifications

Included Products

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