PFC-302L12

Powered Fiber Cable, OM3, 2 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
- 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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>EN50575 CPR Cable EuroClass Droplets Rating</td>
<td>d1</td>
</tr>
<tr>
<td>EN50575 CPR Cable EuroClass Acidity Rating</td>
<td>a1</td>
</tr>
<tr>
<td>Environmental Space</td>
<td>Low Smoke Zero Halogen (LSZH)</td>
</tr>
<tr>
<td>Flame Test Method</td>
<td>IEC 60332-1-2</td>
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<tr>
<td>Jacket UV Resistance</td>
<td>UV stabilized</td>
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</tbody>
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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>
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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-5E-PFC**  - 50µm OM3 Bend-Insensitive Multimode Fiber

* Footnotes

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