Powered Fiber Cable, OM3, 2 Fibers, Indoor/Outdoor, 12AWG Conductor, 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: North America  
Product Type: Hybrid cable, fiber and power  
Ordering Note: Minimum order quantity is 1640 feet

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
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-302L12F

<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></td>
<td></td>
<td></td>
<td>UV stabilized</td>
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**Packaging and Weights**

| Cable weight                         | 73.9 lb/kft | 109.975 kg/km |

**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-SE-PFC | 50µm OM3 Bend-Insensitive Multimode Fiber |

**Footnotes**

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