Powered Fiber Cable, OM3, 2 Fibers, Outdoor, 16AWG Conductor

- 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
- Polyethylene jacket for outdoor duct or direct buried 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 outdoor

Fiber Short Description
- PFC-O16

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 50.8 mm | 2 in
Minimum Bend Radius, unloaded 30.48 mm | 1.2 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
Environmental Space Outdoor
Jacket UV Resistance UV stabilized

Packaging and Weights

Cable weight 69.944 kg/km | 47 lb/kft
**Regulatory Compliance/Certifications**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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</thead>
<tbody>
<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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**Included Products**

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

**Footnotes**

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