Fiber Optic Cable, 6-fiber, OS2, loose tube, dry, 2000 m, yellow

Product Classification

Regional Availability
Asia | Australia/New Zealand | EMEA
Portfolio
CommScope®
Product Type
Fiber indoor/outdoor cable

General Specifications

Cable Type
Loose tube
Fibers per Subunit, quantity
6
Jacket Color
Yellow
Subunit Type
Gel-free
Total Fiber Count
6

Dimensions

Cable Length
4000 m | 13,123.36 ft
Diameter Over Jacket
6.4 mm | 0.252 in

Mechanical Specifications

Minimum Bend Radius, loaded
139.7 mm | 5.5 in
Minimum Bend Radius, unloaded
129.5 mm | 5.098 in
Tensile Load, long term, maximum
650 N | 146.126 lbf
Tensile Load, short term, maximum
1250 N | 281.011 lbf

Optical Specifications

Fiber Type
OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum
0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

Standards Compliance
IEC 60794-1 | TIA-492CAAB (OS2)
Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Range</th>
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</thead>
<tbody>
<tr>
<td>Installation temperature</td>
<td>-5 °C to +50 °C (+23 °F to +122 °F)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10 °C to +70 °C (+14 °F to +158 °F)</td>
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<tr>
<td>Storage Temperature</td>
<td>-10 °C to +70 °C (+14 °F to +158 °F)</td>
</tr>
<tr>
<td>EN50575 CPR Cable EuroClass Fire Performance</td>
<td>Dca</td>
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<tr>
<td>EN50575 CPR Cable EuroClass Smoke Rating</td>
<td>s2</td>
</tr>
<tr>
<td>EN50575 CPR Cable EuroClass Droplets Rating</td>
<td>d2</td>
</tr>
<tr>
<td>EN50575 CPR Cable EuroClass Acidity Rating</td>
<td>a1</td>
</tr>
<tr>
<td>Environmental Space</td>
<td>Universal Low Smoke Zero Halogen (ULSZH)</td>
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</tbody>
</table>

Packaging and Weights

<table>
<thead>
<tr>
<th>Specification</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Cable weight</td>
<td>47 kg/km</td>
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* Footnotes

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