Fiber Optic Cable, 8-fiber, OS2, 1000 m, yellow

Product Classification

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

Standards And Qualifications

EN50575 CPR Cable EuroClass: Dca | s2 | d2 | a1

Optical Specifications, Wavelength Specific

Attenuation, maximum:
- 0.35 dB/km @ 1300 nm
- 0.35 dB/km @ 1550 nm
- 0.45 dB/km @ 1310 nm

Standards Compliance:
- IEC 60794
- TIA-492CAAB (OS2)

General Specifications

Cable Type: Loose tube
Subunit Type: Gel-free

Construction Materials

Total Fiber Count: 8
Fiber Type: OS2
Fibers per Subunit, quantity: 8
Jacket Color: Yellow

Dimensions

Cable Length: 1000 m | 3281 ft
Cable Weight: 47.0 kg/km
Diameter Over Jacket: 6.40 mm | 0.25 in

Physical Specifications

Minimum Bend Radius, loaded: 140.0 mm | 5.5 in
Minimum Bend Radius, unloaded: 129.8 mm | 5.1 in
Tensile Load, long term, maximum: 650 N | 146 lbf
Tensile Load, short term, maximum: 1250 N | 281 lbf

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Environmental Specifications

<table>
<thead>
<tr>
<th>Environmental Space</th>
<th>Universal Low Smoke Zero Halogen (ULSZH)</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>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-10 °C to +70 °C (+14 °F to +158 °F)</td>
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</tbody>
</table>

Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tr>
<td>RoHS 2011/65/EU</td>
<td>Compliant</td>
</tr>
<tr>
<td>CENELEC</td>
<td>EN 50575 compliant, Declaration of Performance (DoP) available</td>
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* Footnotes

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