Outside Plant Fiber Optic Cable, 6-fiber, OS2, HDPE, loose tube, gel-filled, 1000 m, black

Product Classification

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

Optical Specifications, Wavelength Specific

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

General Specifications

Cable Type: Loose tube
Subunit Type: Gel-filled

Construction Materials

Jacket Material: High density polyethylene (HDPE)
Total Fiber Count: 6
Armor Type: Corrugated steel
Fiber Type: OS2
Fibers per Subunit, quantity: 6
Jacket Color: Black

Dimensions

Cable Length: 1000 m | 3281 ft
Cable Weight: 104.0 kg/km
Diameter Over Jacket: 10.00 mm | 0.39 in

Physical Specifications

Minimum Bend Radius, loaded: 199.9 mm | 7.9 in
Minimum Bend Radius, unloaded: 160.0 mm | 6.3 in
Tensile Load, long term, maximum: 1250 N | 281 lbf
Environmental Specifications

**Installation Temperature**  -5 °C to +50 °C (+23 °F to +122 °F)
**Operating Temperature**  -20 °C to +70 °C (-4 °F to +158 °F)
**Storage Temperature**  -20 °C to +70 °C (-4 °F to +158 °F)

Regulatory Compliance/Certifications

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<tr>
<th>Agency</th>
<th>Classification</th>
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<tr>
<td>RoHS 2011/65/EU</td>
<td>Compliant</td>
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* Footnotes

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