Fiber Optic Cable, 48-fiber, OM3, loose tube, gel-filled, 1000 m, aqua

Product Classification

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

Optical Specifications, Wavelength Specific

Attenuation, maximum
- 1.00 dB/km @ 1300 nm
- 3.50 dB/km @ 850 nm

Standards Compliance: TIA-492AAAC (OM3)

General Specifications

Cable Type: Loose tube
Subunit Type: Gel-filled

Construction Materials

Total Fiber Count: 48
Fiber Type: OM3
Fibers per Subunit, quantity: 12
Jacket Color: Aqua

Dimensions

Cable Length: 1000 m | 3281 ft
Cable Weight: 125.0 kg/km
Diameter Over Jacket: 11.50 mm | 0.45 in

Physical Specifications

Minimum Bend Radius, loaded: 228.6 mm | 9.0 in
Minimum Bend Radius, unloaded: 169.9 mm | 6.7 in
Tensile Load, long term, maximum: 600 N | 135 lbf
Tensile Load, short term, maximum: 996 N | 224 lbf

Environmental Specifications

Environmental Space: Universal Low Smoke Zero Halogen (ULSZH)
Operating Temperature: -25 °C to +70 °C (-13 °F to +158 °F)
Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant

* Footnotes

Operating Temperature  Specification applicable to non-terminated bulk fiber cable