

Indoor Fiber Optic Cable, 6-fiber, OM1, multimode, tight buffer, orange

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 d1 a1
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Optical Specifications, Wavelength Specific

Attenuation, maximum (temporary)	0.90 dB/km @ 1,300 nm 3.50 dB/km @ 850 nm
Standards Compliance	IEC 60794-1 TIA-492AAAA (OM1)

General Specifications

Cable Type	Tight buffer
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Construction Materials

Total Fiber Count	6
Fiber Type	OM1
Fibers per Subunit, quantity	6
Jacket Color	Orange

Dimensions

Cable Length	2000 m 6562 ft
Cable Weight	33.0 kg/km
Diameter Over Jacket	6.00 mm 0.24 in

Physical Specifications

Minimum Bend Radius, loaded	90.0 mm 3.5 in
Minimum Bend Radius, unloaded	60.0 mm 2.4 in
Tensile Load, long term, maximum	600 N 135 lbf
Tensile Load, short term, maximum	1000 N 225 lbf

Flame Test Specifications

Flame Test Method	IEC 60332-3 IEC 60332-1 IEC 60754-1 IEC 61034-2
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Environmental Specifications

Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)
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

Agency	Classification
RoHS 2011/65/EU	Compliant
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable