1-599603-4

Fiber Optic Cable, 48-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	Cca	s1	d2	a1

Optical Specifications, Wavelength Specific

Attenuation, maximum (temporary)	0.40 dB/km @ 1,300 nm	0.40 dB/km @ 1,550 nm	0.50 dB/km @ 1,310 nm
Standards Compliance	IEC 60794-1	TIA-492CAAB (OS2)

General Specifications

Cable Type	Tight buffer

Construction Materials

Total Fiber Count	48
Fiber Type	OS2
Fibers per Subunit, quantity	4
Jacket Color	Yellow

Dimensions

Cable Length	1000 m	3281 ft
Cable Weight	240.0 kg/km	161.0 lb/kft
Diameter Over Jacket	17.00 mm	0.67 in

Physical Specifications

Minimum Bend Radius, loaded	430.0 mm	16.9 in
Minimum Bend Radius, unloaded	260.0 mm	10.2 in
Tensile Load, long term, maximum	1001 N	225 lbf
Tensile Load, short term, maximum	2002 N	450 lbf

Environmental Specifications

Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)
Installation Temperature	-5 °C to +50 °C (+23 °F to +122 °F)

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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

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