

Fiber Optic Cable, 48-fiber, OS2, 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	Eca
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Optical Specifications, Wavelength Specific

Attenuation, maximum	0.35 dB/km @ 1,300 nm 0.35 dB/km @ 1,550 nm 0.45 dB/km @ 1,310 nm
Standards Compliance	TIA-492CAAB (OS2)

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-free

Construction Materials

Total Fiber Count	48
Fiber Type	OS2
Fibers per Subunit, quantity	12
Jacket Color	Yellow

Dimensions

Cable Length	2000 m 6562 ft
Cable Weight	105.0 kg/km
Diameter Over Jacket	11.50 mm 0.45 in
Filler, quantity	4

Physical Specifications

Minimum Bend Radius, loaded	228.6 mm 9.0 in
Minimum Bend Radius, unloaded	170.2 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)
Installation Temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Storage Temperature	-10 °C to +60 °C (+14 °F to +140 °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