

Fiber Optic Cable, 8-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	Dca s2 d2 a1
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Optical Specifications, Wavelength Specific

Attenuation, maximum	0.35 dB/km @ 1300 nm 0.35 dB/km @ 1550 nm 0.45 dB/km @ 1310 nm
Standards Compliance	IEC 60794-1 TIA-492CAAB (OS2)

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-free

Construction Materials

Total Fiber Count	8
Fiber Type	OS2
Fibers per Subunit, quantity	8
Jacket Color	Yellow

Dimensions

Cable Length	1000 m 3281 ft
Cable Weight	47.0 kg/km
Diameter Over Jacket	6.40 mm 0.25 in

Physical Specifications

Minimum Bend Radius, loaded	140.0 mm 5.5 in
Minimum Bend Radius, unloaded	129.8 mm 5.1 in
Tensile Load, long term, maximum	650 N 146 lbf
Tensile Load, short term, maximum	1250 N 281 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 +70 °C (+14 °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