

Fiber Optic Cable, 48-fiber, OS2, loose tube, gel-filled, 1000 m, yellow

Product Classification

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

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	TIA-492CAAB (OS2)

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled

Construction Materials

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

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