

Indoor/Outdoor Fiber Optic Cable, 8-fiber, loose tube, LSZH, OM4, 1000 m

Product Classification

Portfolio	NETCONNECT®
Product Type	Fiber indoor/outdoor cable
Regional Availability	Asia

Optical Specifications, Wavelength Specific

10 Gbps Ethernet Distance	550 m @ 850 nm 1804 ft @ 850 nm
Attenuation, maximum	1.50 dB/km @ 1300 nm 3.50 dB/km @ 850 nm
Bandwidth, OFL, minimum	500 MHz-km @ 1300 nm 3500 MHz-km @ 850 nm
Standards Compliance	TIA-492AAAD (OM4)

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled

Construction Materials

Total Fiber Count	8
Fiber Type	OM4
Fibers per Subunit, quantity	8
Jacket Color	Black

Dimensions

Cable Length	1000 m 3281 ft
Cable Weight	73.0 kg/km
Diameter Over Jacket	8.00 mm 0.31 in

Physical Specifications

Minimum Bend Radius, loaded	160.0 mm 6.3 in
Minimum Bend Radius, unloaded	80.0 mm 3.1 in
Tensile Load, long term, maximum	800 N 180 lbf
Tensile Load, short term, maximum	1800 N 405 lbf

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)
Installation Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °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