

Indoor/Outdoor Fiber Optic Cable, 48-fiber, loose tube, LSZH, OM3, 1000 m

Product Classification

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

General Specifications

Cable Type	Loose tube
Fibers per Subunit, quantity	12
Filler, quantity	1
Jacket Color	Black
Subunit Type	Gel-filled
Total Fiber Count	48

Dimensions

Cable Length	1000 m 3,280.84 ft
Diameter Over Jacket	12.7 mm 0.5 in

Mechanical Specifications

Minimum Bend Radius, loaded	216 mm 8.504 in
Minimum Bend Radius, unloaded	108 mm 4.252 in
Tensile Load, long term, maximum	890 N 200.08 lbf
Tensile Load, short term, maximum	2700 N 606.984 lbf

Optical Specifications

Fiber Type	OM3
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Optical Specifications, Wavelength Specific

Attenuation, maximum	1.50 dB/km @ 1,300 nm
Standards Compliance	TIA-492AAAC (OM3)

Environmental Specifications

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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)
Environmental Space	Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Cable weight	110 kg/km 73.917 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable