

2-599621-3

Fiber Optic Cable, 48-fiber, OM3, 2000 m, Aqua

Product Classification

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

General Specifications

Cable Type	Loose tube
Fibers per Subunit, quantity	12
Jacket Color	Aqua
Subunit Type	Gel-free
Total Fiber Count	48

Dimensions

Cable Length	2000 m 6,561.68 ft
Diameter Over Jacket	11.5 mm 0.453 in

Mechanical Specifications

Minimum Bend Radius, loaded	228.6 mm 9 in
Minimum Bend Radius, unloaded	170.2 mm 6.701 in
Tensile Load, long term, maximum	600 N 134.885 lbf
Tensile Load, short term, maximum	996 N 223.91 lbf

Optical Specifications

Fiber Type	OM3, bend insensitive
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Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm 3.50 dB/km @ 850 nm
Standards Compliance	TIA-492AAAC (OM3)

Environmental Specifications

Operating Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
EN50575 CPR Cable EuroClass Fire Performance	Eca

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Environmental Space

Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight

105 kg/km | 70.557 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable