

Fiber Optic Cable, 24-fiber, OM4, 1000 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
Filler, quantity	2
Jacket Color	Aqua
Subunit Type	Gel-free
Total Fiber Count	24

Dimensions

Cable Length	1000 m 3,280.84 ft
Diameter Over Jacket	11.5 mm 0.453 in

Mechanical Specifications

Minimum Bend Radius, loaded	231.1 mm 9.098 in
Minimum Bend Radius, unloaded	170.2 mm 6.701 in
Tensile Load, long term, maximum	1201 N 269.996 lbf
Tensile Load, short term, maximum	2002 N 450.068 lbf

Optical Specifications

Fiber Type	OM4
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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	IEC 60794-1 TIA-492AAAD (OM4)

Environmental Specifications

1-599619-2 | C-024-LN-5K-M12AQ/28D/E

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)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight	119 kg/km 79.964 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
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