

1-599156-3 | C-012-CN-5L-M12AQ/28D/AY/D

Fiber Indoor/Outdoor Cable, 12-fiber, multimode OM3, Gel-free, aqua jacket color, Dca Flame Rating, Meters jacket marking, 1000 meters

Product Classification

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

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-free
Filler, quantity	1
Jacket Color	Aqua
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB SYSTEM F.O.CABLE X-599156-3 INT/EXT DRY LOOSE TUBE 12X50/125 OM3 EN50575 CLASS D (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Cable Length	1000 m 3,280.84 ft
Diameter Over Jacket	6.4 mm 0.252 in

Mechanical Specifications

Minimum Bend Radius, loaded	139.7 mm 5.5 in
Minimum Bend Radius, unloaded	129.5 mm 5.098 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	500 N 112.404 lbf

Optical Specifications

Fiber Type	OM3
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Optical Specifications, Wavelength Specific

Attenuation, maximum	0.70 dB/km @ 1,300 nm 3.50 dB/km @ 850 nm
Standards Compliance	TIA-492AAAC (OM3)

Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight	31 kg/km 20.831 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
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable