

# 1-599623-2 | C-006-CN-5K-M06AQ/28G/GY/E

Fiber Indoor/Outdoor Cable, 6-fiber, multimode OM4, Gel-filled, aqua jacket color, Eca 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-filled
Filler, quantity	1
Jacket Color	Aqua
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB SYSTEM F.O. CABLE X-599623-2 INT/EXT RODENT RESIST GLT 6x50/125 OM4 (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	6
Total Fiber Count	6

## Dimensions

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

## Mechanical Specifications

Minimum Bend Radius, loaded	129.5 mm   5.098 in
Minimum Bend Radius, unloaded	80 mm   3.15 in
Tensile Load, long term, maximum	650 N   146.126 lbf
Tensile Load, short term, maximum	1250 N   281.011 lbf

## Optical Specifications

Fiber Type	OM4, LazrSPEED®
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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

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight	48 kg/km   32.255 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable