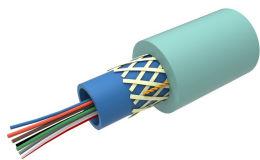# 2-599154-2 | C-008-CN-5K-M08AQ/28D/AY/D

Fiber Indoor/Outdoor Cable, 8-fiber, multimode OM4, gel-free, aqua jacket, Dca Flame Rating, Meters jacket marking, 2000 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
Jacket Color	Aqua
Jacket Marking	Meters
Fibers per Subunit, quantity	8
Total Fiber Count	8

Dimensions

Cable Length	2000 m	6,561.68 ft
Diameter Over Jacket	6.4 mm	0.252 in

Representative Image

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LSZH Outer Jacket
Aramid Strength Elements
Ripcord
2.8mm Dry Buffer Tube
125 micron Fibers
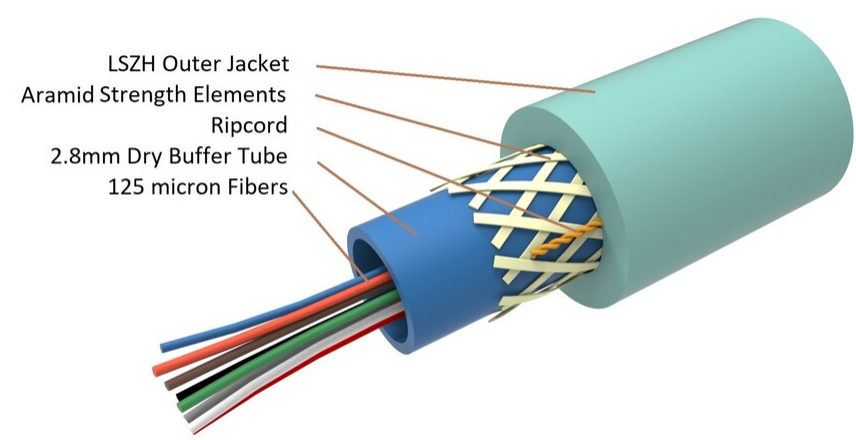
Mechanical Specifications

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	OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm | 3.00 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	-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

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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

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

Included Products

CS-5K-LT	–	LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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