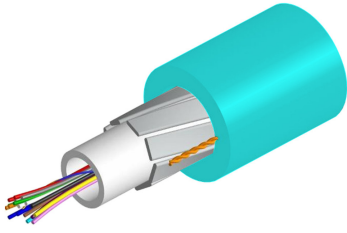# 2-599615-2 | C-006-CN-5K-M06AQ/28D/GY/D

Fiber Optic Cable, 6-fiber, OM4, 2000 m, aqua. Provides Rodent Resistance.

OBSOLETE
This product was discontinued on: March 31, 2023

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
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

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

Representative Image

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Labels on diagram:
- LSZH Outer Jacket
- Fiberglass Strength Elements
- Ripcord
- 2.8mm Dry Buffer Tube
- 250 micron Fibers
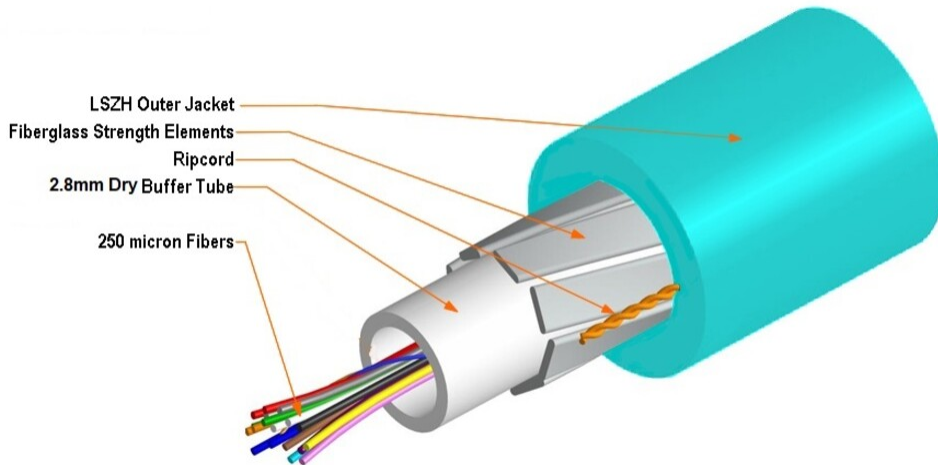
Mechanical Specifications

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	650 N | 146.126 lbf
Tensile Load, short term, maximum	1250 N | 281.011 lbf

Optical Specifications

Fiber Type	OM4

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	-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	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)

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2-599615-2 | C-006-CN-5K-M06AQ/28D/GY/D

Packaging and Weights

Cable weight   47 kg/km | 31.583 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
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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