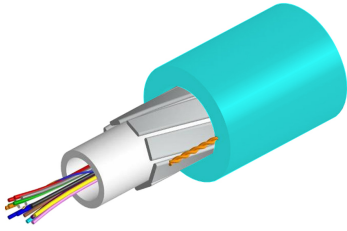# 2-599624-2 | C-008-CN-5K-M08AQ/28G/GY/E/2K

Fiber Indoor/Outdoor Cable, 8-fiber, multimode OM4, gel-filled, aqua jacket color, Eca Flame Rating, Meters jacket marking, 2000 meters

> **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-filled
Filler, quantity	1
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

COMMSCOPE®

LSZH Outer Jacket
Fiberglass Strength Elements
Ripcord
Buffer Tube

250 micron Fibers
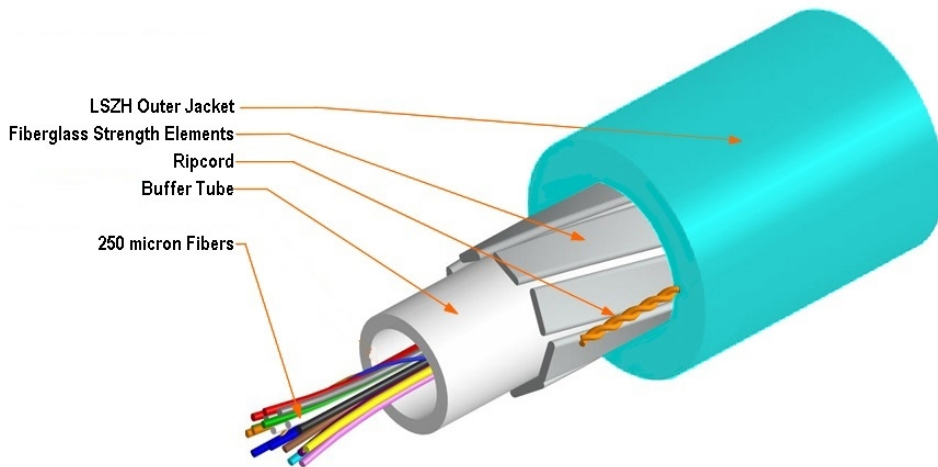
Mechanical Specifications

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®

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

COMMSCOPE®

2-599624-2 | C-008-CN-5K-M08AQ/28G/GY/E/2K

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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