

Fiber indoor cable, Low Smoke Zero Halogen Distribution, 96 fiber multi-unit, Multimode OM4, Meters jacket marking, Aqua jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand China
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-DS

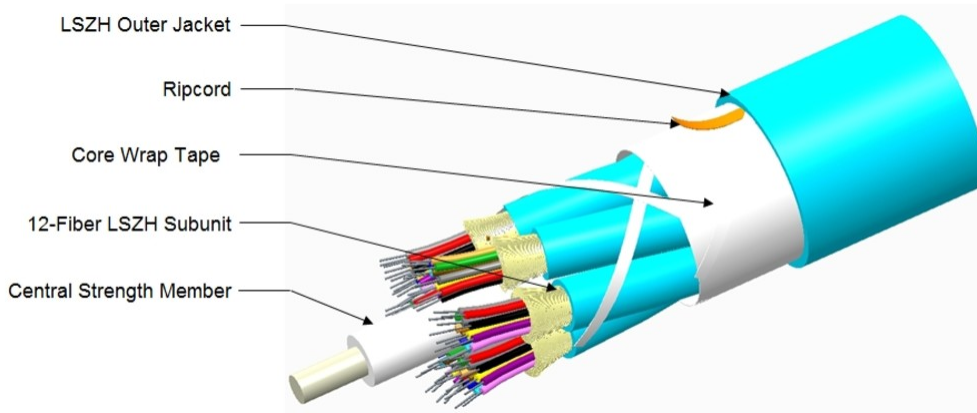
General Specifications

Cable Type	Distribution
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Meters
Subunit, quantity	8
Fibers per Subunit, quantity	12
Total Fiber Count	96

Dimensions

Buffer Tube/Subunit Diameter	6 mm 0.236 in
Diameter Over Jacket	25.3 mm 0.996 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	500 mm 19.685 in
Minimum Bend Radius, unloaded	250 mm 9.843 in
Tensile Load, long term, maximum	396 N 89.024 lbf
Tensile Load, short term, maximum	1320 N 296.748 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1-21 E3
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-21 E1
Twist	10 cycles

Optical Specifications

Fiber Type	OM4
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Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,310 nm 3.00 dB/km @ 850 nm
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Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Listing	NEC OFNR (UL)
Flame Test Method	IEC 60332-3 UL 1666 UL 1685

Environmental Test Specifications

Temperature Cycle Test Method IEC 60794-1-22 F1

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-5X-TB-3.0/1.0/093 – OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable