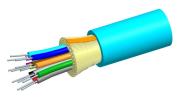
760249367 | N-012-DS-5X-MSUAQ/093



Fiber indoor cable, Low Smoke Zero Halogen Distribution, 12 fiber singleunit, Multimode OM4, Meters jacket marking, Aqua jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-DS
General Specifications	
Cable Type	Distribution
Construction Type	Non-armored
Fiber Type, quantity	12
Jacket Color	Aqua
Jacket Marking	Meters
Subunit Type	Gel-free
Total Fiber Count	12
Dimensions	
Diameter Over Jacket	6.2 mm 0.244 in

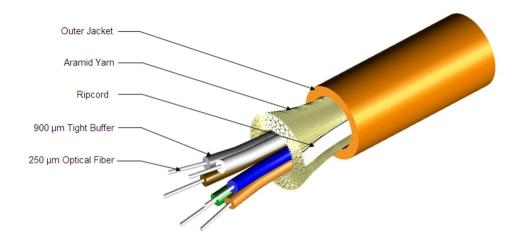
Representative Image

Page 1 of 3

©2023 CommScope, Inc. All rights reserved. All trademarks identified by ® or [™] are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: January 3, 2023



760249367 | N-012-DS-5X-MSUAQ/093



Mechanical Specifications

Minimum Bend Radius, loaded	124 mm 4.882 in
Minimum Bend Radius, unloaded	62 mm 2.441 in
Tensile Load, long term, maximum	198 N 44.512 lbf
Tensile Load, short term, maximum	660 N 148.374 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1 E3
Strain Test Method	IEC 60794-1-21 E1

Optical Specifications

Fiber Type

OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum 1.00 dB/k

1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

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) Riser
Flame Test Listing	NEC OFNR (UL) and c(UL)
Flame Test Method	IEC 60332-1 IEC 60332-3-24 UL 1666

Page 2 of 3

©2023 CommScope, Inc. All rights reserved. All trademarks identified by ® or [™] are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: January 3, 2023



760249367 | N-012-DS-5X-MSUAQ/093

Environmental Test Specifications

Temperature Cycle Test Method IEC 60794-1 F1

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

Page 3 of 3

©2023 CommScope, Inc. All rights reserved. All trademarks identified by ® or [™] are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: January 3, 2023

