760250118 | N-072-DS-5Y-MMUAQ/093



Fiber indoor cable, Low Smoke Zero Halogen Distribution, 72 fiber multiunit, Multimode OM3, Meters jacket marking, Aqua jacket color

China

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
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Meters
Subunit, quantity	б
Fibers per Subunit, quantity	12
Total Fiber Count	72
Dimensions	
Buffer Tube/Subunit Diameter	6 mm 0.236 in
Diameter Over Jacket	21.8 mm 0.858 in

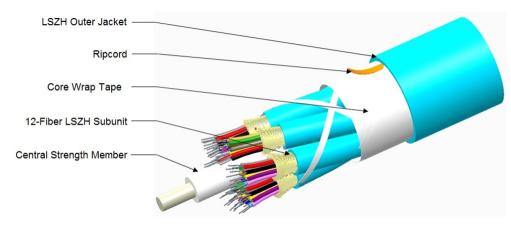
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	436 mm 17.165 in
Minimum Bend Radius, unloaded	218 mm 8.583 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	OM3
Optical Specifications, Wavelength S	pecific
Optical Specifications, Wavelength S Attenuation, maximum	pecific 1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm
Attenuation, maximum	
Attenuation, maximum Environmental Specifications	1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm
Attenuation, maximum Environmental Specifications Installation temperature	1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm -10 °C to +60 °C (+14 °F to +140 °F)
Attenuation, maximum Environmental Specifications Installation temperature Operating Temperature	1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm -10 °C to +60 °C (+14 °F to +140 °F) -20 °C to +70 °C (-4 °F to +158 °F)
Attenuation, maximum Environmental Specifications Installation temperature Operating Temperature Storage Temperature	1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm -10 °C to +60 °C (+14 °F to +140 °F) -20 °C to +70 °C (-4 °F to +158 °F) -40 °C to +70 °C (-40 °F to +158 °F)
Attenuation, maximum Environmental Specifications Installation temperature Operating Temperature Storage Temperature Environmental Space	1.00 dB/km @ 1,300 nm 3.00 dB/km @ 850 nm -10 °C to +60 °C (+14 °F to +140 °F) -20 °C to +70 °C (-4 °F to +158 °F) -40 °C to +70 °C (-40 °F to +158 °F) Low Smoke Zero Halogen (LSZH)

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Environmental Test Specifications

Temperature Cycle Test Method

IEC 60794-1-22 F1

Regulatory Compliance/Certifications

Classification

Agency

ROHS

CHINA-ROHS REACH-SVHC Below maximum concentration value Compliant as per SVHC revision on www.commscope.com/ProductCompliance Compliant Compliant



UK-ROHS

Included Products

CS-5Y-TB-3.0/1.0/093 - OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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