760232314 | N-048-DZ-5G-FMULM



Fiber indoor cable, LazrSPEED® Riser/LSZH rated, Distribution, interlocking aluminum armored, Multimode OM5, 48 fiber multi-unit with 12 fiber subunits, Feet jacket marking, Lime-green jacket color

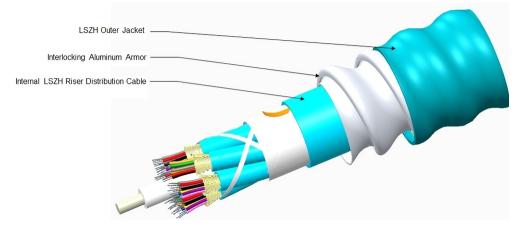
Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-DZ
General Specifications	
Armor Type	Interlocking aluminum
Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free
Jacket Color	Lime green
Jacket Marking	Feet
Subunit, quantity	4
Fibers per Subunit, quantity	12
Total Fiber Count	48
Dimensions	
Buffer Tube/Subunit Diameter	6.07 mm 0.239 in
Diameter Over Armor	22.23 mm 0.875 in
Diameter Over Jacket	24.3 mm 0.957 in
Representative Image	

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Mechanical Specifications

Minimum Bend Radius, loaded	364 mm 14.331 in	
Minimum Bend Radius, unloaded	243 mm 9.567 in	
Tensile Load, long term, maximum	400 N 89.924 lbf	
Tensile Load, short term, maximum	1335 N 300.12 lbf	
Compression	85 N/mm 485.363 lb/in	
Compression Test Method	FOTP-41 IEC 60794-1 E3	
Flex	25 cycles	
Flex Test Method	FOTP-104 IEC 60794-1 E6	
Impact	35 N-m 309.776 in lb	
Impact Test Method	FOTP-25 IEC 60794-1 E4	
Strain	See long and short term tensile loads	
Strain Test Method	FOTP-33 IEC 60794-1 E1	
Twist	10 cycles	
Twist Test Method	FOTP-85 IEC 60794-1 E7	
Vertical Rise, maximum	92 m 301.837 ft	
Optical Specifications		
Fiber Type	OM5, LazrSPEED® wideband OM5, LazrSPEED® wideband	

Environmental Specifications

Installation temperature

Operating Temperature

-10 °C to +60 °C (+14 °F to +140 °F) -20 °C to +70 °C (-4 °F to +158 °F)

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Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser
Flame Test Listing	NEC OFCR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-10 °C to +60 °C (+14 °F to +140 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable weight

443 kg/km | 297.682 lb/kft

Regulatory Compliance/Certifications

Classification

Agency

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

Included Products

CS-5G-TB – LazrSPEED® OM5 WideBand Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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