760229898 | R-024-DZ-5G-FSULM



LazrSPEED® Riser Distribution Cable, interlocking aluminum armored with riser jacket, 24 fiber single-unit

Product Classification

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East/Africa | North

America

Portfolio CommScope®

Product Type Fiber indoor cable

General Specifications

Armor Type Interlocking aluminum

Cable TypeDistributionConstruction TypeArmored

Fiber Type, quantity 24

Jacket ColorLime greenSubunit TypeGel-free

Total Fiber Count 24

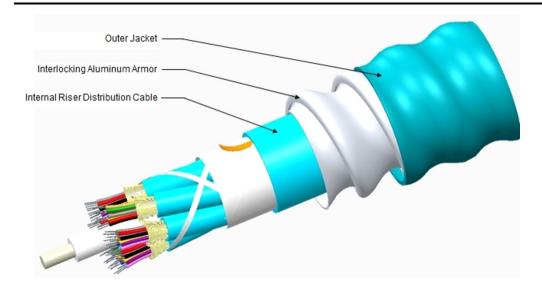
Dimensions

Diameter Over Armor13.34 mm0.525 inDiameter Over Jacket15.4 mm0.606 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded231 mm9.094 inMinimum Bend Radius, unloaded154 mm6.063 in

Tensile Load, long term, maximum $400 \text{ N} \mid 89.924 \text{ lbf}$ Tensile Load, short term, maximum $1335 \text{ N} \mid 300.12 \text{ lbf}$

 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 209 m | 685.696 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

Environmental Specifications

Page 2 of 3



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Installation temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to $+158 \,^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 °F to $+158 \,^{\circ}\text{F}$)

Storage Temperature $-40~^{\circ}\text{C}$ to $+70~^{\circ}\text{C}$ (-40 $^{\circ}\text{F}$ to $+158~^{\circ}\text{F}$)

Cable Qualification StandardsANSI/ICEA S-83-596Telcordia GR-409

Environmental Space Riser

Flame Test Listing NEC OFCR (ETL) and c(ETL)

Flame Test Method UL 1666

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 $-20 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-4 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$

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 195 kg/km | 131.034 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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



Included Products

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

Fibe

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

