760127274 | R-072-DZ-5M-FMUAQ

LazrSPEED® Riser Distribution Cable, interlocking aluminum armored with riser jacket, 72 fiber multi-unit with 12 fiber subunits

OBSOLETE
This product was discontinued on: March 30, 2017

Product Classification

Regional Availability	Asia | Australia/New Zealand | Latin America | Middle East /Africa | North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	R-DZ

General Specifications

Armor Type	Interlocking aluminum
Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	6
Fibers per Subunit, quantity	12
Total Fiber Count	72

Dimensions
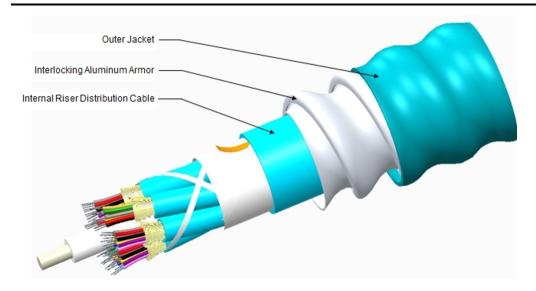
Buffer Tube/Subunit Diameter	5.95 mm | 0.234 in
Diameter Over Armor	26.04 mm | 1.025 in
Diameter Over Jacket	28.1 mm | 1.106 in

Representative Image

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Outer Jacket
Interlocking Aluminum Armor
Internal Riser Distribution Cable

Mechanical Specifications

Minimum Bend Radius, loaded	561 mm	22.087 in
Minimum Bend Radius, unloaded	393 mm	15.472 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	69 m	226.378 ft

Optical Specifications

Fiber Type	OM2+, LazrSPEED® 150	OM2+, LazrSPEED® 150

Environmental Specifications

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Installation temperature	-20 °C to +70 °C (-4 °F to +158 °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)
Cable Qualification Standards	ANSI/ICEA S-83-596	Telcordia 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 °C to +70 °C (-4 °F to +158 °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	591 kg/km	397.134 lb/kft

Regulatory Compliance/Certifications

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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