# R-072-DZ-5K-FMU

Fiber indoor cable, LazrSPEED® Riser Distribution, interlocking aluminum armored, Multimode OM4, 72 fiber multi-unit with 12 fiber subunits, Feet cable marking

#### 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 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	

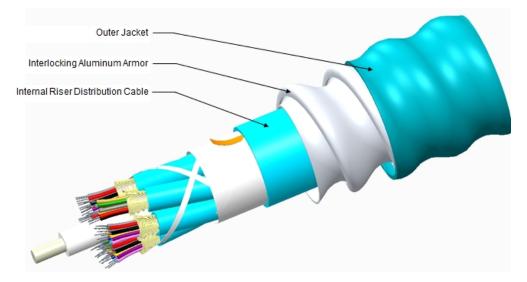
### Representative Image

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# 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	OM4, LazrSPEED® 550   OM4, LazrSPEED® 550

# **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



#### Included Products

CS-5K-TB

LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

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