# R-072-DZ-5L-FMU

Fiber indoor cable, LazrSPEED® Riser Distribution, interlocking aluminum armored, Multimode OM3, 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 TypeDistributionConstruction TypeArmoredSubunit TypeGel-freeJacket MarkingFeetSubunit, quantity6

Fibers per Subunit, quantity 12

Total Fiber Count 72

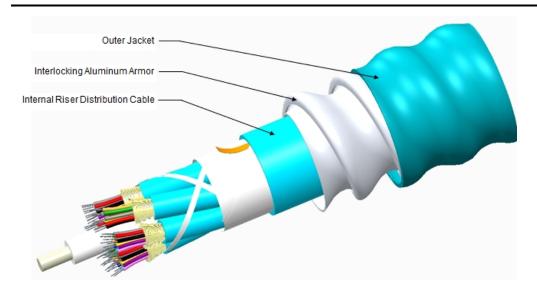
Dimensions

Buffer Tube/Subunit Diameter5.95 mm | 0.234 inDiameter Over Armor26.04 mm | 1.025 inDiameter Over Jacket28.1 mm | 1.106 in

Representative Image



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### Mechanical Specifications

Minimum Bend Radius, loaded

Minimum Bend Radius, unloaded

Tensile Load, long term, maximum

Tensile Load, short term, maximum

Compression

**Compression Test Method** 

Flex

Flex Test Method

**Impact** 

**Impact Test Method** 

**Strain** 

Strain Test Method

**Twist** 

**Twist Test Method** 

Vertical Rise, maximum

**Optical Specifications** 

Fiber Type

561 mm | 22.087 in

393 mm | 15.472 in

400 N | 89.924 lbf

1335 N | 300.12 lbf

85 N/mm | 485.363 lb/in

FOTP-41 | IEC 60794-1 E3

25 cycles

FOTP-104 | IEC 60794-1 E6

35 N-m | 309.776 in lb

FOTP-25 | IEC 60794-1 E4

See long and short term tensile loads

FOTP-33 | IEC 60794-1 E1

10 cycles

FOTP-85 | IEC 60794-1 E7

69 m | 226.378 ft

OM3, LazrSPEED® 300 | OM3, LazrSPEED® 300

### **Environmental Specifications**

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

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

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**  $-20 \,^{\circ}\text{C}$  to  $+85 \,^{\circ}\text{C}$  ( $-4 \,^{\circ}\text{F}$  to  $+185 \,^{\circ}\text{F}$ )

**Heat Age Test Method** IEC 60794-1 F9

**Low High Bend**  $-20~^{\circ}\text{C}$  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**  $-20 \,^{\circ}\text{C to} +70 \,^{\circ}\text{C} \left(-4 \,^{\circ}\text{F to} +158 \,^{\circ}\text{F}\right)$ 

**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-5L-TB – LazrSPEED® 300 OM3 Bend-Insensitive Multimode

Fiber

### \* Footnotes

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

