# 760126953 | R-024-DZ-CM-FSUAQ/8W006 /5L018



Fiber Indoor cable, TeraSPEED® Riser Distribution, interlocking aluminum armored with riser jacket, 24 fiber single-unit, Gel-free, Singlemode + Multimode OM3, Feet jacket marking, Aqua jacket color

#### **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 TypeDistribution

Construction Type Armored

**Subunit Type** Gel-free

Jacket Color Aqua

Jacket Marking Feet

**Composite Fiber Count** 6 + 18

Total Fiber Count 24

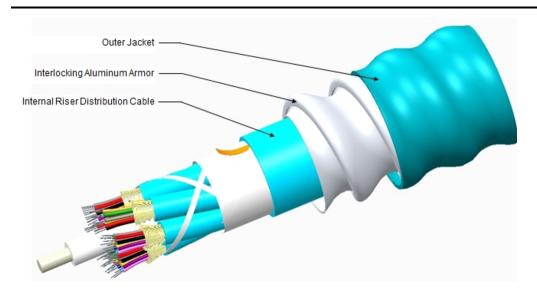
**Dimensions** 

Diameter Over Armor13.34 mm | 0.525 inDiameter Over Jacket15.4 mm | 0.606 in

Representative Image



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#### Mechanical Specifications

Minimum Bend Radius, loaded231 mm | 9.094 inMinimum Bend Radius, unloaded154 mm | 6.063 inTensile Load, long term, maximum400 N | 89.924 lbfTensile Load, short term, maximum1335 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** 209 m | 685.696 ft

**Optical Specifications** 

Fiber Type Composite MM/SM | G.652.D and G.657.A1, TeraSPEED® | OM3, LazrSPEED® 300

### **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 °F)Operating Temperature $-20 \, ^{\circ}\text{C}$  to  $+70 \, ^{\circ}\text{C}$  (-4 °F to +158 °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 °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** 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-5L-TB – LazrSPEED® 300 OM3 Bend-Insensitive Multimode

Fiber

CS-8W-TB - TeraSPEED® Singlemode Fiber

### \* Footnotes

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

