### N-002-DZ-5G-FSULM/B2 760232272



Fiber indoor cable, LazrSPEED® Riser/LSZH rated Distribution, interlocking aluminum armored, Multimode OM5, 2 fiber single-unit, Feet jacket marking, Lime-green jacket color, B2ca flame rating

### **Product Classification**

**Regional Availability** Asia | Australia/New Zealand | EMEA | Latin America | North

America

**Portfolio** CommScope®

**Product Type** Fiber indoor cable

**Product Series** N-DZ

General Specifications

**Armor Type** Interlocking aluminum

Cable Type Distribution

**Construction Type** Armored Gel-free

**Subunit Type** 

**Jacket Color** Lime green

**Jacket Marking** Feet

**Total Fiber Count** 2

Dimensions

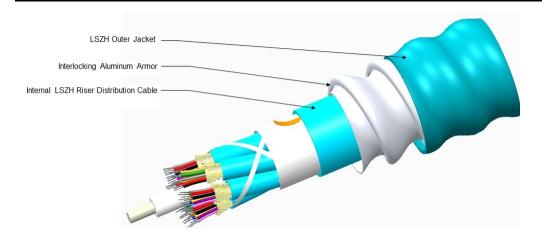
**Diameter Over Armor** 10.8 mm | 0.425 in

**Diameter Over Jacket** 12.84 mm | 0.506 in

Representative Image



# 760232272 | N-002-DZ-5G-FSULM/B2



### Mechanical Specifications

Minimum Bend Radius, loaded192 mm7.559 inMinimum Bend Radius, unloaded128 mm5.039 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 N | 149.948 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 161 m | 528.215 ft

Optical Specifications

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

## **Environmental Specifications**

Installation temperature  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

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

Page 2 of 3



## 760232272 | N-002-DZ-5G-FSULM/B2

Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd2EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFCR-ST1 (ETL) and c(ETL)

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 1685

**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**  $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \, (+14 \,^{\circ}\text{F to } +140 \,^{\circ}\text{F})$ 

Low High Bend Test Method FOTP-37 | IEC 60794-1 E11

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

**Temperature Cycle Test Method** FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 127 kg/km | 85.34 lb/kft

## Regulatory Compliance/Certifications

### Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

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

CENELEC

### Included Products

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

Fiber

### \* Footnotes

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

