# N-072-DZ-8F-FMU

Fiber indoor cable, Low Smoke Zero Halogen Riser Distribution, interlocking aluminum armored, 72 fiber multi-unit with 12 fiber subunits, Multimode OM1, Feet jacket marking, 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 TypeDistributionConstruction TypeArmoredSubunit TypeGel-freeJacket MarkingFeetSubunit, quantity6

Fibers per Subunit, quantity 12

Total Fiber Count 72

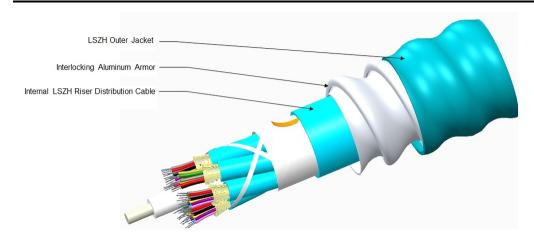
Dimensions

Buffer Tube/Subunit Diameter6.07 mm | 0.239 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, loaded561 mm22.087 inMinimum Bend Radius, unloaded393 mm15.472 inTensile Load, long term, maximum400 N89.924 lbfTensile Load, short term, maximum1335 N300.12 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** 66 m | 216.535 ft

## **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  $^{\circ}\text{F}$ )

Storage Temperature  $-40 \,^{\circ}\text{C}$  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

**COMMSCOPE®** 

## N-072-DZ-8F-FMU

 EN50575 CPR Cable EuroClass Fire Performance
 B2ca

 EN50575 CPR Cable EuroClass Smoke Rating
 s2

 EN50575 CPR Cable EuroClass Droplets Rating
 d2

 EN50575 CPR Cable EuroClass Acidity Rating
 a1

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**  $-20 \,^{\circ}\text{C}$  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 -10 °C to +60 °C (+14 °F to +140 °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** 618 kg/km | 415.277 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-8F-TB – Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode

Fiber

## \* Footnotes

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

