## N-072-MP-8F-F24

Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber multi-unit with 24 fiber subunits, Gel-free, Singlemode G.657.Al, Feet jacket marking, Dca flame rating

#### Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North

America

PortfolioCommScope®Product TypeFiber indoor cable

**Product Series** N-MP

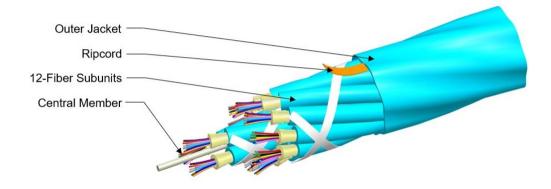
## General Specifications

Cable TypeMPO trunk cableConstruction TypeNon-armoredSubunit TypeGel-freeJacket MarkingFeetSubunit, quantity3Fibers per Subunit, quantity24Total Fiber Count72

**Dimensions** 

Buffer Tube/Subunit Diameter3.6 mm | 0.142 inDiameter Over Jacket9.52 mm | 0.375 in

## Representative Image





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#### Mechanical Specifications

Minimum Bend Radius, loaded 143 mm | 5.63 in 95 mm | 3.74 in Minimum Bend Radius, unloaded Tensile Load, long term, maximum 334 N | 75.086 lbf Tensile Load, short term, maximum 1112 N | 249.988 lbf

10 N/mm | 57.101 lb/in Compression FOTP-41 | IEC 60794-1 E3

**Compression Test Method** 

Flex 300 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 5.88 N-m | 52.042 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 500 m | 1,640.42 ft

#### **Environmental Specifications**

Installation temperature -20 °C to +60 °C (-4 °F to +140 °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

**EN50575 CPR Cable EuroClass Fire Performance** Dca s2 **EN50575 CPR Cable EuroClass Smoke Rating EN50575 CPR Cable EuroClass Droplets Rating** d1 **EN50575 CPR Cable EuroClass Acidity Rating** а1

**Environmental Space** Low Smoke Zero Halogen (LSZH) | Riser

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

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

**Environmental Test Specifications** 

-20 °C to +85 °C (-4 °F to +185 °F) **Heat Age** 

**COMMSCOPE®** 

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

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

**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** 67.1 kg/km | 45.089 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

#### \* Footnotes

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

