P-072-MZ-8F-F24

Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 72 fiber multi-unit with 24 fiber subunits, Singlemode G.657.A1, Feet jacket marking

Product Classification

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East

/Africa | North America

Fiber indoor cable

Portfolio CommScope®

Product Series P-MZ

General Specifications

Product Type

Armor Type Interlocking aluminum

Cable Type MPO trunk cable

Construction Type Armored

Fiber Type, quantity 72

Fibers per Subunit, quantity 24

Jacket Marking Feet

Subunit Type Gel-free

Subunit, quantity 3

Total Fiber Count 72

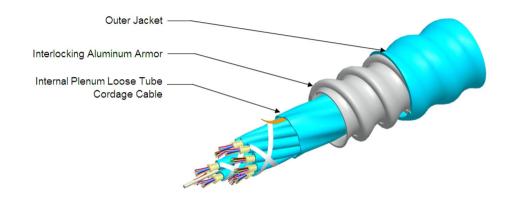
Dimensions

Buffer Tube/Subunit Diameter3.6 mm | 0.142 inDiameter Over Armor17.15 mm | 0.675 inDiameter Over Jacket19.18 mm | 0.755 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded384 mm | 15.118 inMinimum Bend Radius, unloaded268 mm | 10.551 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 300 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 140 m | 459.318 ft

Environmental Specifications

Installation temperature0 °C to +70 °C (+32 °F to +158 °F)Operating Temperature0 °C to +70 °C (+32 °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



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Environmental Space Plenum

Flame Test Listing NEC OFCP (ETL) and c(ETL)

Flame Test Method NFPA 262

Environmental Test Specifications

Heat Age 0 °C to +85 °C (+32 °F to +185 °F)

Heat Age Test Method IEC 60794-1 F9

Low High Bend 0 °C to +70 °C (+32 °F to +158 °F)

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

Temperature Cycle 0 °C to +70 °C (+32 °F to +158 °F)

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

Packaging and Weights

Cable weight 291 kg/km | 195.543 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

