P-096-MP-8F-F12

Fiber indoor cable, Plenum MPO Trunk, 96 fiber multi-unit with 12 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-MP

General Specifications

Product Type

Cable Type MPO trunk cable

Construction Type Non-armored

Fiber Type, quantity 96
Fibers per Subunit, quantity 12

Jacket Marking Feet

Subunit Type Gel-free

Subunit, quantity 8

Total Fiber Count 96

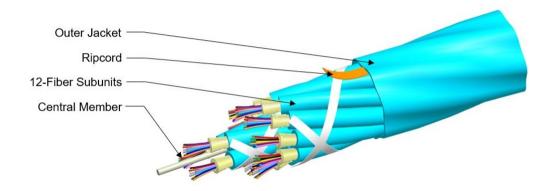
Dimensions

Buffer Tube/Subunit Diameter3 mm | 0.118 inDiameter Over Jacket12.25 mm | 0.482 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded 184 mm | 7.244 in

Minimum Bend Radius, unloaded 122 mm | 4.803 in

Tensile Load, long term, maximum 400 N | 89.924 lbf

Tensile Load, short term, maximum 1335 N | 300.12 lbf

Compression 10 N/mm | 57.101 lb/in

Compression Test Method FOTP-41 | IEC 60794-1 E3

Flex 300 cycles

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

Impact 0.74 N-m | 6.55 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 265 m | 869.423 ft

Environmental Specifications

Installation temperature 0 °C to +70 °C (+32 °F to +158 °F)

Operating Temperature $0 \, ^{\circ}\text{C} \text{ to } +70 \, ^{\circ}\text{C} \text{ (+32 } ^{\circ}\text{F to } +158 \, ^{\circ}\text{F)}$

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+158 \,^{\circ}\text{F}$)

Cable Qualification StandardsANSI/ICEA S-83-596Telcordia GR-409

Environmental Space Plenum

COMMSC PE°

P-096-MP-8F-F12

Flame Test Listing NEC OFNP (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 154 kg/km | 103.483 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

