760242127 | P-012-MZ-5G-F12LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 12 fiber, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color

Product Classification

Regional Availability

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

/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series P-MZ

General Specifications

Armor Type Interlocking aluminum

Cable Type MPO trunk cable

Construction TypeArmoredSubunit TypeGel-free

Filler, quantity 3

Jacket Color Lime green

Jacket MarkingFeetSubunit, quantity1Fibers per Subunit, quantity12Total Fiber Count12

Dimensions

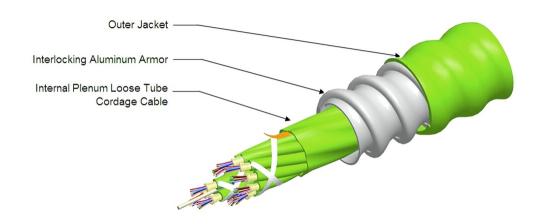
Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Armor14.61 mm | 0.575 in

Diameter Over Jacket 16.6 mm | 0.654 in

Representative Image



760242127 | P-012-MZ-5G-F12LM/20T



Mechanical Specifications

Minimum Bend Radius, loaded250 mm9.843 inMinimum Bend Radius, unloaded166 mm6.535 inTensile Load, long term, maximum133 N29.9 lbfTensile Load, short term, maximum445 N100.04 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 60 m | 196.85 ft

Optical Specifications

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

Environmental Specifications

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

Page 2 of 3



760242127 | P-012-MZ-5G-F12LM/20T

Operating Temperature 0 °C to +70 °C (+32 °F to +158 °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

Environmental Space Plenum

Flame Test Listing

NEC OFCP (ETL) and c(ETL)

Flame Test Method

NFPA 130 | 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 $0 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C (+32 °F to } +158 \,^{\circ}\text{F)}$

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

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

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

Packaging and Weights

Cable weight 228 kg/km | 153.209 lb/kft

Regulatory Compliance/Certifications

Agency Classification

Fiber

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

Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

