# 760223016 | P-096-MP-5G-F12LM



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 96 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, 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-MP

General Specifications

Cable Type MPO trunk cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Lime green

Jacket Marking Feet

Subunit, quantity 8

Fibers per Subunit, quantity 12

**Total Fiber Count** 96

**Dimensions** 

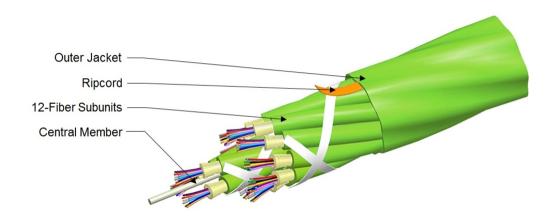
**Buffer Tube/Subunit Diameter** 3 mm | 0.118 in

**Diameter Over Jacket** 12.25 mm | 0.482 in

Representative Image



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### Mechanical Specifications

Minimum Bend Radius, loaded184 mm7.244 inMinimum Bend Radius, unloaded122 mm4.803 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

Flex 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

**Optical Specifications** 

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

## **Environmental Specifications**

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

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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 OFNP (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 °C to +70 °C (+32 °F to +158 °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** 154 kg/km | 103.483 lb/kft

### Regulatory Compliance/Certifications

| ssification |
|-------------|
|             |

CHINA-ROHS Below maximum concentration value

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

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



#### Included Products

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

Fiber

#### \* Footnotes

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

