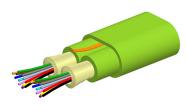# 760256586   |   P-048-MP-5G-F24LM/30T

Fiber indoor cable, LazrSPEED® Plenum MPO Trunk Cable, 48 fiber with 24-fiber, 3.0mm subunits, 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-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** | 2 |
| **Fibers per Subunit, quantity** | 24 |
| **Total Fiber Count** | 48 |

## Dimensions

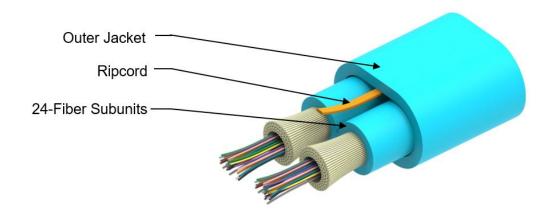| | |
|---|---|
| **Height Over Jacket** | 5.8 mm   |   0.228 in |
| **Width Over Jacket** | 8.8 mm   |   0.346 in |
| **Buffer Tube/Subunit Diameter** | 3 mm   |   0.118 in |

## Representative Image

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## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 87 mm   \|   3.425 in |
| **Minimum Bend Radius, unloaded** | 58 mm   \|   2.283 in |
| **Tensile Load, long term, maximum** | 200 N   \|   44.962 lbf |
| **Tensile Load, short term, maximum** | 167 N   \|   37.543 lbf |
| **Compression** | 10 N/mm   \|   57.101 lb/in |
| **Compression Test Method** | FOTP-41   \|   IEC 60794-1 E3 |
| **Flex** | 25 cycles |
| **Flex Test Method** | FOTP-104   \|   IEC 60794-1 E6 |
| **Impact** | 2.94 N-m   \|   26.021 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** | 314 m   \|   1,030.184 ft |

## Optical Specifications

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

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +70 °C (+32 °F to +158 °F) |
| **Operating Temperature** | 0 °C to +70 °C (+32 °F to +158 °F) |

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| | |
|---|---|
| **Storage Temperature** | -40 °C to +70 °C (-40 °F to +158 °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

| | |
|---|---|
| **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** | 65 kg/km   |   43.678 lb/kft |

## Included Products

| | | |
|---|---|---|
| CS-5G-MP | – | LazrSPEED® OM5 WideBand Multimode Fiber |

## * Footnotes

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

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