

Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 48 fiber multi-unit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Rose 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                                                                               |

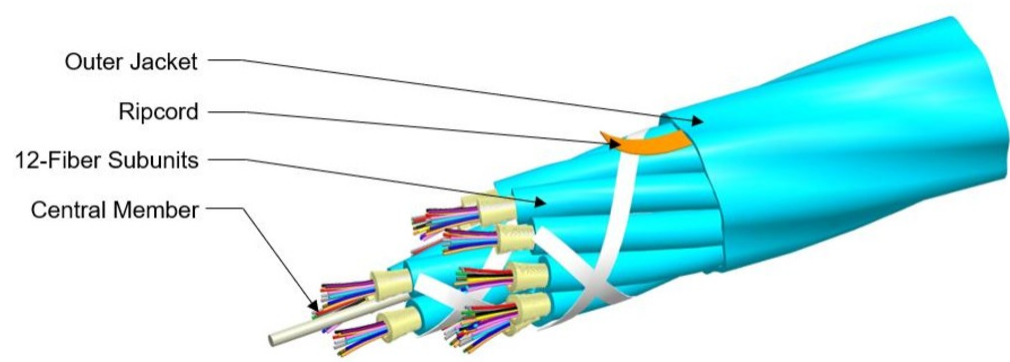
General Specifications

|                              |                 |
|------------------------------|-----------------|
| Cable Type                   | MPO trunk cable |
| Construction Type            | Non-armored     |
| Subunit Type                 | Gel-free        |
| Jacket Color                 | Rose            |
| Jacket Marking               | Feet            |
| Subunit, quantity            | 4               |
| Fibers per Subunit, quantity | 12              |
| Total Fiber Count            | 48              |

Dimensions

|                              |                   |
|------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 3 mm   0.118 in   |
| Diameter Over Jacket         | 9.1 mm   0.358 in |

Representative Image



## Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 136 mm   5.354 in                     |
| Minimum Bend Radius, unloaded     | 91 mm   3.583 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            | 500 m   1,640.42 ft                   |

## Optical Specifications

|            |                                           |
|------------|-------------------------------------------|
| Fiber Type | OM4, LazrSPEED® 550   OM4, LazrSPEED® 550 |
|------------|-------------------------------------------|

## 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)   |
| 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

|                               |                                    |
|-------------------------------|------------------------------------|
| 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 | 76 kg/km   51.07 lb/kft |
|--------------|-------------------------|

## Regulatory Compliance/Certifications

| Agency        | Classification                                                                 |
|---------------|--------------------------------------------------------------------------------|
| CHINA-ROHS    | Below maximum concentration value                                              |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| ROHS          | Compliant                                                                      |
| UK-ROHS       | Compliant                                                                      |



## Included Products

|          |                                                       |
|----------|-------------------------------------------------------|
| CS-5K-MP | – LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber |
|----------|-------------------------------------------------------|

## \* Footnotes

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