# 760163287 | P-024-MZ-5L-F24AQ

Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 24 fiber, Gel-free, Multimode OM3, Feet jacket marking, Aqua jacket color

#### Product Classification

| Regional Availability        | Asia   Australia/New Zealand   Latin America   Middle East<br>/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 Type            | Armored   |
| Subunit Type                 | Gel-free  |
| Jacket Color                 | Aqua  |
| Jacket Marking               | Feet  |
| Subunit, quantity            | 1   |
| Fibers per Subunit, quantity | 24  |
| Total Fiber Count            | 24  |
| Dimensions                   |   |
| Buffer Tube/Subunit Diameter | 3.6 mm   0.142 in   |
| Diameter Over Armor          | 17.15 mm   0.675 in   |
| Diameter Over Jacket         | 19.18 mm   0.755 in   |
|                              |   |

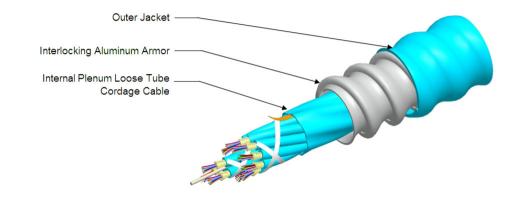
### Representative Image

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### Mechanical Specifications

| Minimum Bend Radius, loaded       | 384 mm   15.118 in                        |
|-----------------------------------|---|
| Minimum Bend Radius, unloaded     | 268 mm   10.551 in                        |
| Tensile Load, long term, maximum  | 400 N   89.924 lbf                        |
| Tensile Load, short term, maximum | 1335 N   300.12 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            | 142 m   465.879 ft                        |
| Optical Specifications            |   |
| Fiber Type                        | OM3, LazrSPEED® 300   OM3, LazrSPEED® 300 |

#### **Environmental Specifications**

Installation temperature

0 °C to +70 °C (+32 °F to +158 °F)

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| 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 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 °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

288 kg/km | 193.527 lb/kft

### Regulatory Compliance/Certifications

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

### Included Products

CS-5L-MP – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

### \* Footnotes

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

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