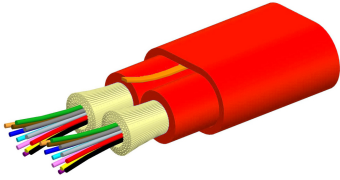


P-024-MP-CM-F12RD/8W008/5L016



Fiber indoor cable, TeraSPEED® Plenum for MPO Trunks, 24 fiber with 12 fiber subunits, Multimode composite, Feet jacket marking, Red 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

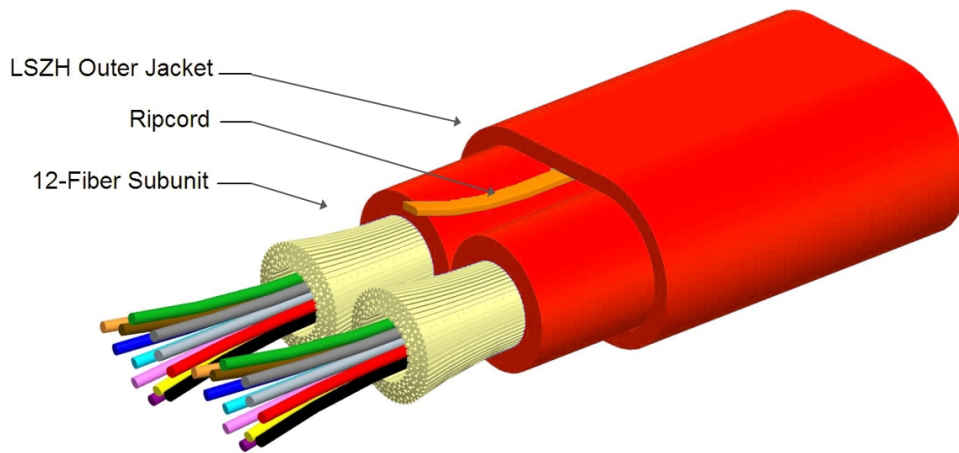
| | |
|-------------------------------------|-----------------|
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Red |
| Jacket Marking | Feet |
| Subunit, quantity | 2 |
| Fibers per Subunit, quantity | 12 |
| Composite Fiber Count | 8 + 16 |
| Total Fiber Count | 24 |

Dimensions

| | |
|-------------------------------------|-------------------|
| Height Over Jacket | 3.9 mm 0.154 in |
| Width Over Jacket | 6.9 mm 0.272 in |
| Buffer Tube/Subunit Diameter | 3 mm 0.118 in |

Representative Image

P-024-MP-CM-F12RD/8W008/5L016



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 58 mm 2.283 in |
| Minimum Bend Radius, unloaded | 39 mm 1.535 in |
| Tensile Load, long term, maximum | 200 N 44.962 lbf |
| Tensile Load, short term, maximum | 667 N 149.948 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 | Composite MM/SM G.652.D and G.657.A1, TeraSPEED® OM3, LazrSPEED® 300 OS2 OS2 |
|-------------------|--|

Environmental Specifications

P-024-MP-CM-F12RD/8W008/5L016

| | |
|--------------------------------------|---------------------------------------|
| 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 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 | 29 kg/km 19.487 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 |
| CS-8W-MP | - TeraSPEED® OS2 Singlemode Fiber |

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable