## 760258140 | P-288-MP-8G1-F24YL/30T



Fiber indoor cable, Plenum MPO Trunk Cable, 288 fiber with 24-fiber, 3.0 mm subunits, Gel-free, Singlemode G.657.A2, Feet jacket marking, Yellow 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-MP  |
| General Specifications       |   |
| Cable Type                   | MPO trunk cable   |
| Construction Type            | Non-armored   |
| Subunit Type                 | Gel-free  |
| Jacket Color                 | Yellow  |
| Jacket Marking               | Feet  |
| Subunit, quantity            | 12  |
| Fibers per Subunit, quantity | 24  |
| Total Fiber Count            | 288   |
| Dimensions                   |   |
| Buffer Tube/Subunit Diameter | 3 mm   0.118 in   |
| Diameter Over Jacket         | 14.7 mm   0.579 in  |
|                              |   |

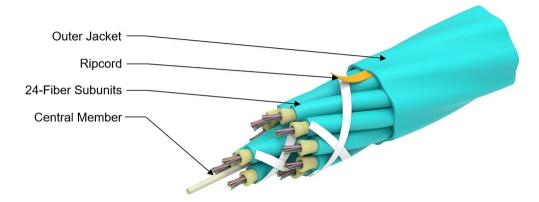
#### Representative Image

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### Mechanical Specifications

| Minimum Bend Radius, loaded       | 220 mm   8.661 in                     |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, unloaded     | 147 mm   5.787 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                              | 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            | 203 m   666.011 ft                    |
| Optical Specifications            |                                       |

Fiber Type

G.657.A2 | G.657.A2/B2

### **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                  | 201 kg/km   135.066 lb/kft         |
|                               |                                    |

#### Included Products

CS-8G1-MP

Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

#### \* Footnotes

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

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