

144 Core OM4 Outdoor Mini Loose Tube - Double Jacket

Product Classification

| | |
|------------------------------|------------------------------|
| Regional Availability | Asia Australia/New Zealand |
| Portfolio | CommScope® |
| Product Type | Fiber OSP cable |
| Product Series | O-LN |

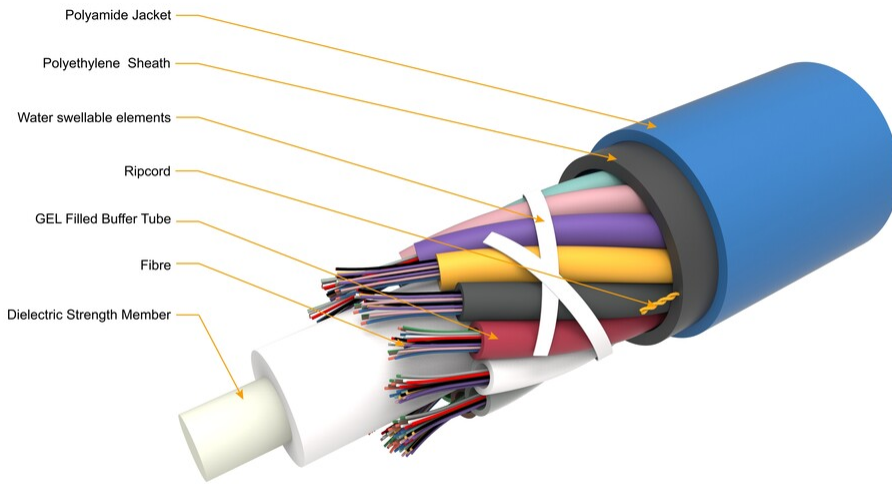
General Specifications

| | |
|-------------------------------------|---------------------|
| Cable Type | Stranded loose tube |
| Construction Type | Non-armored |
| Subunit Type | Gel-filled |
| Jacket Color | Blue |
| Jacket Marking | Meters |
| Subunit, quantity | 12 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 144 |

Dimensions

| | |
|-------------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 1.35 mm 0.053 in |
| Diameter Over Jacket | 8.4 mm 0.331 in |

Representative Image



Material Specifications

Jacket Material Nylon | PE

Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 220 mm 8.661 in |
| Minimum Bend Radius, unloaded | 110 mm 4.331 in |
| Tensile Load, short term, maximum | 2000 N 449.618 lbf |
| Compression | 20 N/mm 114.203 lb/in |
| Compression Test Method | IEC 60794-1-21 E3 |
| Flex | 25 cycles |
| Impact | 1 N-m 8.851 in lb |
| Impact Test Method | IEC 60794-1-21 E4 |
| Strain | See long and short term tensile loads |
| Strain Test Method | IEC 60794-1-21 E1 |
| Twist | 10 cycles |
| Twist Test Method | IEC 60794-1-21 E7 |

Optical Specifications

Fiber Type OM4

Optical Specifications, Wavelength Specific

64624474-144MLT | O-144-LD-5X-M12BL/13G/PE /PA

Attenuation, maximum 0.70 dB/km @ 1,300 nm | 2.50 dB/km @ 850 nm

Environmental Specifications

Installation temperature 0 °C to +50 °C (+32 °F to +122 °F)

Operating Temperature 0 °C to +50 °C (+32 °F to +122 °F)

Storage Temperature -20 °C to +70 °C (-4 °F to +158 °F)

Environmental Space Buried | Underground (duct)

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penetration Test Method IEC 60794-1 F5C

Environmental Test Specifications

Temperature Cycle -10 °C to +60 °C (+14 °F to +140 °F)

Temperature Cycle Test Method IEC 60794-1-22 F1

Packaging and Weights

Cable weight 62 kg/km | 41.662 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable