

## 6 Core OM4 Outdoor Mini Loose Tube - Double Jacket

### Product Classification

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

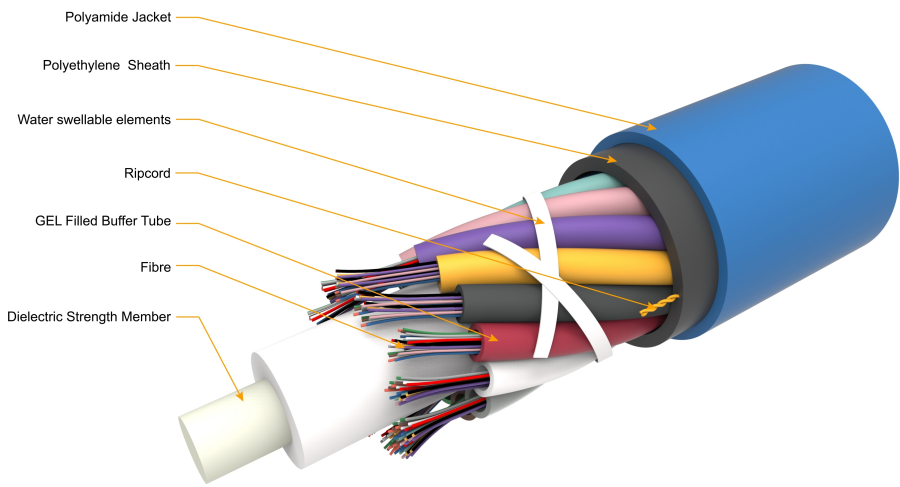
### General Specifications

|                                     |                     |
|-------------------------------------|---------------------|
| <b>Cable Type</b>                   | Stranded loose tube |
| <b>Construction Type</b>            | Non-armored         |
| <b>Subunit Type</b>                 | Gel-filled          |
| <b>Jacket Color</b>                 | Blue                |
| <b>Jacket Marking</b>               | Meters              |
| <b>Subunit, quantity</b>            | 6                   |
| <b>Fibers per Subunit, quantity</b> | 6                   |
| <b>Total Fiber Count</b>            | 6                   |

### Dimensions

|                                     |                    |
|-------------------------------------|--------------------|
| <b>Buffer Tube/Subunit Diameter</b> | 1.55 mm   0.061 in |
| <b>Diameter Over Jacket</b>         | 6.3 mm   0.248 in  |

### Representative Image



## Material Specifications

**Jacket Material** Nylon | PE

## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 160 mm   6.299 in                     |
| <b>Minimum Bend Radius, unloaded</b>     | 65 mm   2.559 in                      |
| <b>Tensile Load, short term, maximum</b> | 1000 N   224.809 lbf                  |
| <b>Compression</b>                       | 20 N/mm   114.203 lb/in               |
| <b>Compression Test Method</b>           | IEC 60794-1-21 E3                     |
| <b>Flex</b>                              | 25 cycles                             |
| <b>Impact</b>                            | 1 N-m   8.851 in lb                   |
| <b>Impact Test Method</b>                | IEC 60794-1-21 E4                     |
| <b>Strain</b>                            | See long and short term tensile loads |
| <b>Strain Test Method</b>                | IEC 60794-1-21 E1                     |
| <b>Twist</b>                             | 10 cycles                             |
| <b>Twist Test Method</b>                 | IEC 60794-1-21 E7                     |

## Optical Specifications

**Fiber Type** OM4

## Optical Specifications, Wavelength Specific

# 64624474-06MLT | O-006-LD-5X-M06BL/15G/PE /PA

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**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** 33 kg/km | 22.175 lb/kft

## \* Footnotes

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