

Fiber OSP cable, Triple Jacket, Anti Termite, All-Dielectric, 12 fiber, Gel Filled, Mini Stranded Loose Tube, Multimode OM4, Meters jacket marking, Rose jacket color

Product Classification

| | |
|------------------------------|------------------------------|
| Regional Availability | Asia Australia/New Zealand |
| Portfolio | CommScope® |
| Product Type | Fiber OSP cable |
| Product Series | O-N3 |

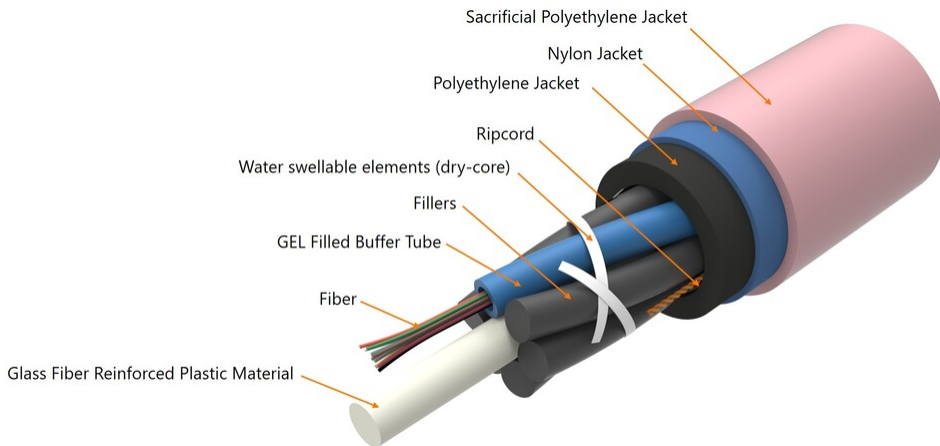
General Specifications

| | |
|-------------------------------------|---------------------|
| Cable Type | Stranded loose tube |
| Subunit Type | Gel-filled |
| Filler, quantity | 5 |
| Jacket Color | Rose |
| Jacket Marking | Meters |
| Subunit, quantity | 1 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 12 |

Dimensions

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|-------------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 1.55 mm 0.061 in |
| Diameter Over Jacket | 7.3 mm 0.287 in |

Representative Image



Material Specifications

Jacket Material Alternative jacket PE | Nylon | PE

Mechanical Specifications

| | |
|---|---------------------------------------|
| Minimum Bend Radius, loaded | 150 mm 5.906 in |
| Minimum Bend Radius, unloaded | 75 mm 2.953 in |
| Tensile Load, long term, maximum | 1000 N 224.809 lbf |
| Compression | 20 N/mm 114.203 lb/in |
| Compression Test Method | IEC 60794-1 E3 |
| Flex | 25 cycles |
| Impact | 1 N-m 8.851 in lb |
| Impact Test Method | IEC 60794-1 E4 |
| Strain | See long and short term tensile loads |
| Strain Test Method | IEC 60794-1 E1 |
| Twist | 10 cycles |
| Twist Test Method | IEC 60794-1-21 E7 |

Optical Specifications

Fiber Type OM4

Optical Specifications, Wavelength Specific

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 | -10 °C to +70 °C (+14 °F to +158 °F) |
| Storage Temperature | -20 °C to +70 °C (-4 °F to +158 °F) |
| Cable Qualification Standards | IEC 60794-5-10 |
| Jacket UV Resistance | UV stabilized |
| Water Penetration | 24 h |
| Water Penetration Test Method | IEC 60794-1 F5 |

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 Test Method | IEC 60794-1 E11 |
| Temperature Cycle Test Method | IEC 60794-1 F1 |

Packaging and Weights

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|---------------------|--------------------------|
| Cable weight | 43 kg/km 28.895 lb/kft |
|---------------------|--------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable