

Fiber OSP cable, Double Jacket, flat GRP, SLT, 6 fiber, Singlemode G.652. D, Gel-filled, Meters jacket marking, Black jacket color

Product Classification

| | |
|------------------------------|-----------------------|
| Regional Availability | Australia/New Zealand |
| Product Type | Fiber OSP cable |
| Product Series | O-L2 |

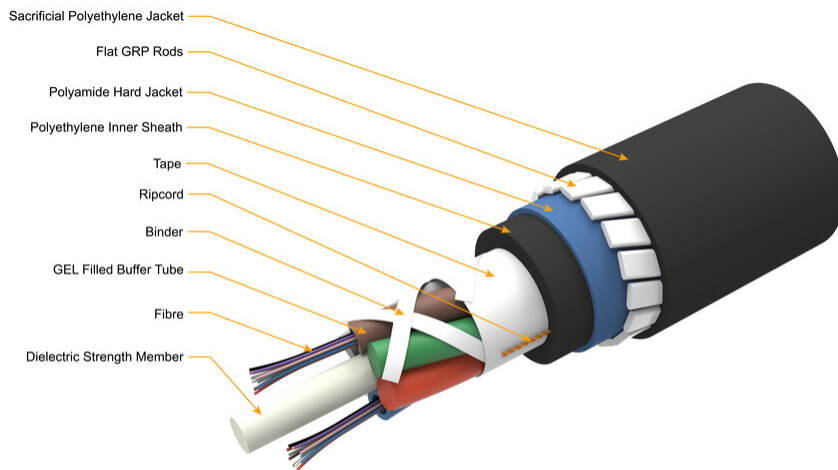
General Specifications

| | |
|--------------------------|-------------------|
| Armor Type | Non-metallic rods |
| Cable Type | Loose tube |
| Construction Type | Armored |
| Subunit Type | Gel-filled |
| Filler, quantity | 5 |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Subunit, quantity | 1 |
| Total Fiber Count | 6 |

Dimensions

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|-------------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 2.1 mm 0.083 in |
| Diameter Over Jacket | 13.8 mm 0.543 in |

Representative Image



Material Specifications

Jacket Material Nylon

Inner Jacket Material PE

Mechanical Specifications

Minimum Bend Radius, loaded 400 mm | 15.748 in

Minimum Bend Radius, unloaded 200 mm | 7.874 in

Tensile Load, long term, maximum 4000 N | 899.236 lbf

Cable Crush Resistance, maximum 40 N/mm | 228.406 lb/in

Compression Test Method IEC 60794-1-21 E3

Flex 25 cycles

Impact 20 N-m | 177.015 in lb

Impact Test Method IEC 60794-1 E4

Twist 10 cycles

Twist Test Method IEC 60794-1-21 E7

Optical Specifications

Fiber Type G.652.D | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.21 dB/km @ 1,550 nm | 0.35 dB/km @ 1,310 nm

Standards Compliance

ITU-T G.652.D

Environmental Specifications

| | |
|--------------------------------------|--|
| Installation temperature | 0 °C to +50 °C (+32 °F to +122 °F) |
| Operating Temperature | -20 °C to +70 °C (-4 °F to +158 °F) |
| Storage Temperature | -20 °C to +70 °C (-4 °F to +158 °F) |
| Environmental Space | Outdoor Outdoor, buried UV resistant for outdoor |
| Jacket UV Resistance | UV stabilized |
| Water Penetration | 24 h |
| Water Penetration Test Method | IEC 60794-1 F5C |

Environmental Test Specifications

| | |
|--------------------------------------|--------------------|
| Low High Bend Test Method | IEC 60794-1-21 E11 |
| Temperature Cycle Test Method | IEC 60794-1-22 F1 |

Packaging and Weights

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|---------------------|----------------------------|
| Cable weight | 165 kg/km 110.875 lb/kft |
|---------------------|----------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable