64623447-12MLT | 0-012-LN-8M-M12BL



12 Core OS2 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 TypeNon-armoredSubunit TypeGel-filled

Filler, quantity 5

Jacket Color Blue

Jacket Marking Meters

Subunit, quantity

Fibers per Subunit, quantity 12

Total Fiber Count 12

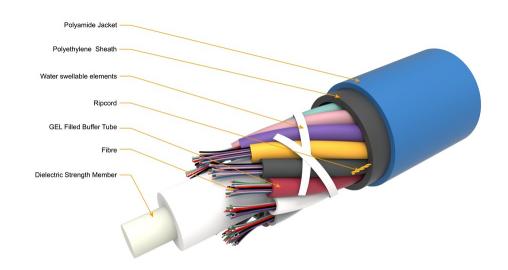
Dimensions

Buffer Tube/Subunit Diameter1.55 mm | 0.061 inDiameter Over Jacket6.3 mm | 0.248 in

Representative Image



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Material Specifications

Jacket Material Nylon | PE

Mechanical Specifications

Minimum Bend Radius, loaded 160 mm | 6.299 in

Minimum Bend Radius, unloaded 65 mm | 2.559 in

Tensile Load, short term, maximum 1000 N | 224.809 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 G.652.D

Optical Specifications, Wavelength Specific

COMMSC PE°

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Buried | Underground (duct)

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

Environmental Specifications

Installation temperature0 °C to +50 °C (+32 °F to +122 °F)Operating Temperature0 °C to +50 °C (+32 °F to +122 °F)Storage Temperature-20 °C to +70 °C (-4 °F to +158 °F)

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penetration Test Method IEC 60794-1 F5C

Environmental Test Specifications

Temperature Cycle $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \text{ (+14 }^{\circ}\text{F to } +140 \,^{\circ}\text{F)}$

Temperature Cycle Test Method IEC 60794-1-22 F1

Packaging and Weights

Cable weight 33 kg/km | 22.175 lb/kft

* Footnotes

Environmental Space

Operating Temperature Specification applicable to non-terminated bulk fiber cable

