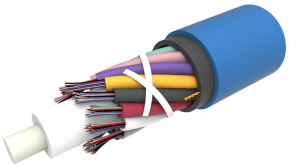
64623447-12MLT | O-012-LN-8M-M12BL



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

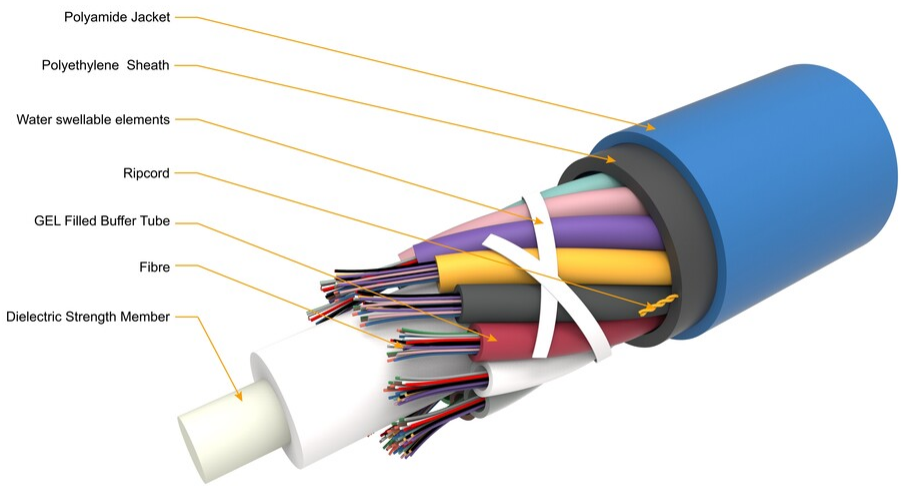
Cable Type	Stranded loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Filler, quantity	5
Jacket Color	Blue
Jacket Marking	Meters
Subunit, quantity	1
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	1.55 mm | 0.061 in
Diameter Over Jacket	6.3 mm | 0.248 in

Representative Image

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



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

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