

96 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

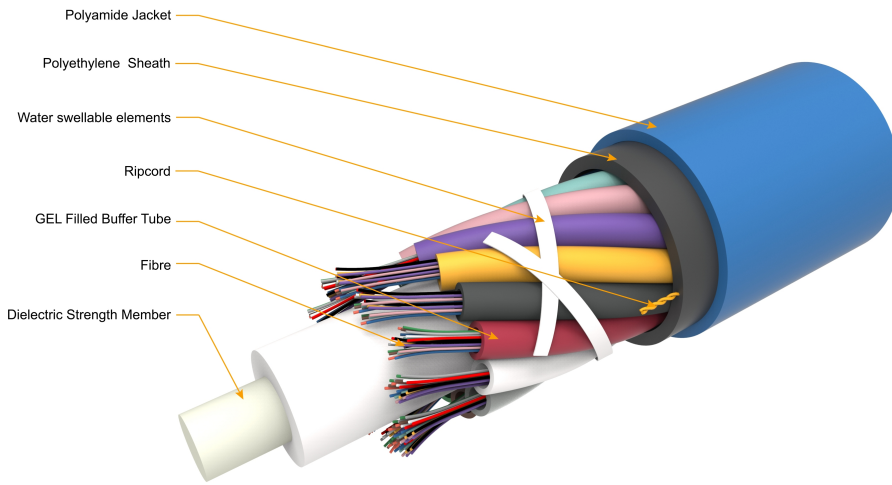
General Specifications

Cable Type	Stranded loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Blue
Jacket Marking	Meters
Subunit, quantity	8
Fibers per Subunit, quantity	12
Total Fiber Count	96

Dimensions

Buffer Tube/Subunit Diameter	1.55 mm 0.061 in
Diameter Over Jacket	7.4 mm 0.291 in

Representative Image



Material Specifications

Jacket Material Nylon | PE

Mechanical Specifications

Minimum Bend Radius, loaded	220 mm 8.661 in
Minimum Bend Radius, unloaded	110 mm 4.331 in
Tensile Load, short term, maximum	2000 N 449.618 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

64623447-96MLT | O-096-LD-8M-M12BL/15G/PE /PA

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 49 kg/km | 32.926 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable