## 64624474-144MLT | 0-144-LD-5X-M12BL/13G/PE /PA



144 Core OM4 Outdoor Mini Loose Tube - Double Jacket

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	12
Fibers per Subunit, quantity	12
Total Fiber Count	144
Dimensions	
Buffer Tube/Subunit Diameter	1.35 mm   0.053 in
Diameter Over Jacket	8.4 mm   0.331 in

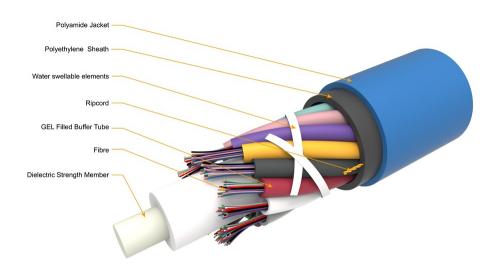
Representative Image

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### 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

OM4

#### Optical Specifications, Wavelength Specific

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Attenuation, maximum

/PA

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	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	62 kg/km   41.662 lb/kft	
* <b>C</b>		

#### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

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