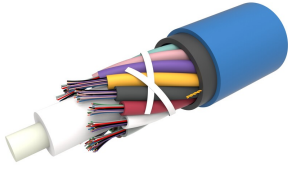


64623447-288MLT | O-288-LD-8M-M24BL/17G /PE/PA



288 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

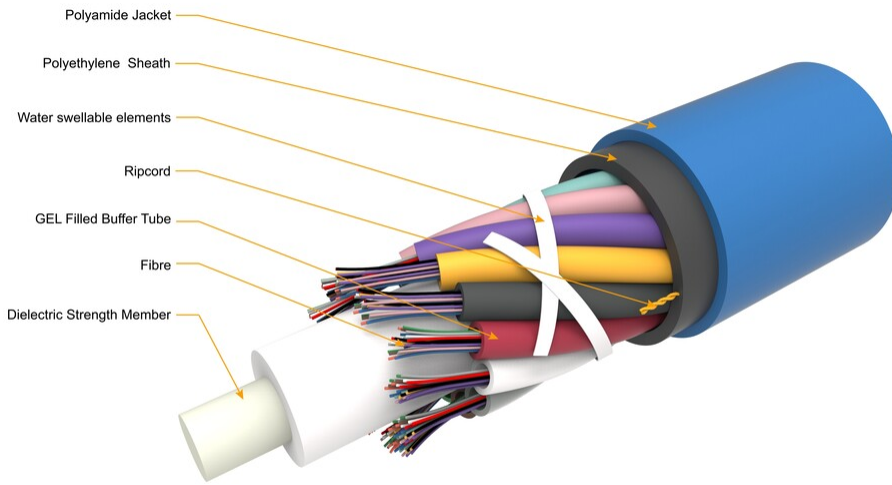
Cable Type	Stranded loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Subunit, quantity	24
Fibers per Subunit, quantity	12
Total Fiber Count	288

Dimensions

Buffer Tube/Subunit Diameter	1.75 mm 0.069 in
Diameter Over Jacket	10.3 mm 0.406 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
Cable Crush Resistance, maximum 20 N/mm | 114.203 lb/in
Compression Test Method IEC 60794-1 E3
Flex 25 cycles
Impact 1 N-m | 8.851 in lb
Impact Test Method IEC 60794-1 E4
Strain Test Method IEC 60794-1-21 E1
Twist 10 cycles
Twist Test Method IEC 60794-1 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	-10 °C to +70 °C (+14 °F to +158 °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

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °F)
Low High Bend Test Method	IEC 60794-1 E11
Temperature Cycle Test Method	IEC 60794-1 F1

Packaging and Weights

Cable weight	90 kg/km 60.477 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable