

Outdoor Fiber Optic Cable, 12-fiber, loose tube, OM4

Product Classification

Regional Availability	Australia/New Zealand
Product Type	Fiber OSP cable
Product Series	O-LN

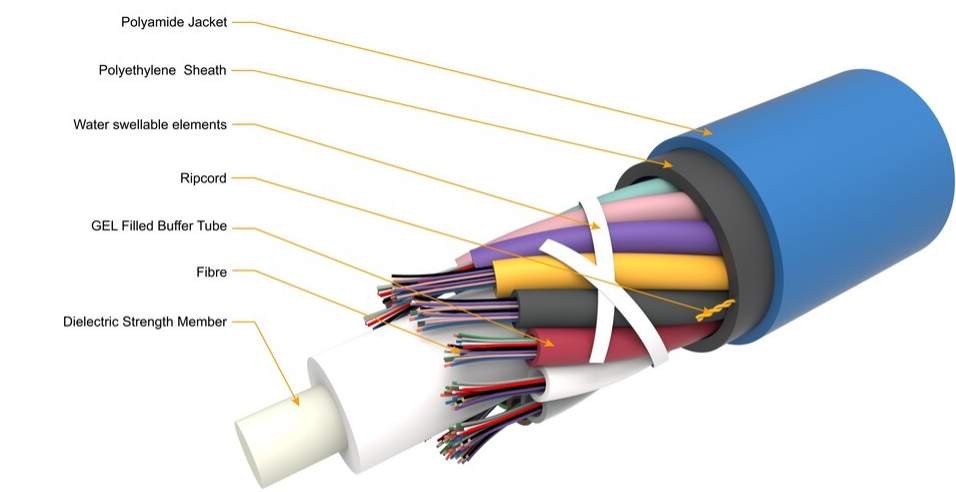
General Specifications

Cable Type	Loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Subunit, quantity	6
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



Material Specifications

Jacket Material	Nylon
Inner Jacket Material	PE

Mechanical Specifications

Minimum Bend Radius, loaded	160 mm   6.299 in
Minimum Bend Radius, unloaded	65 mm   2.559 in
Tensile Load, long term, maximum	1000 N   224.809 lbf
Cable Crush Resistance, maximum	20 N/mm   114.203 lb/in
Compression Test Method	IEC 60794-1-21 E3
Flex	25 cycles
Impact Test Method	IEC 60794-1 E4
Twist	10 cycles
Twist Test Method	IEC 60794-1-21 E7

Optical Specifications

Fiber Type	OM4, LazrSPEED®
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Optical Specifications, Wavelength Specific

Standards Compliance	TIA-492AAAD (OM4)
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## 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	Outdoor   Outdoor, buried   UV resistant for outdoor
Jacket UV Resistance	UV stabilized
Water Penetration Test Method	IEC 60794-1 F5C

## Environmental Test Specifications

Low High Bend Test Method	IEC 60794-1-21 E11
Temperature Cycle Test Method	IEC 60794-1-22 F1

## Packaging and Weights

Cable weight	33 kg/km   22.175 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 <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## \* Footnotes

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