

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

## Product Classification

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

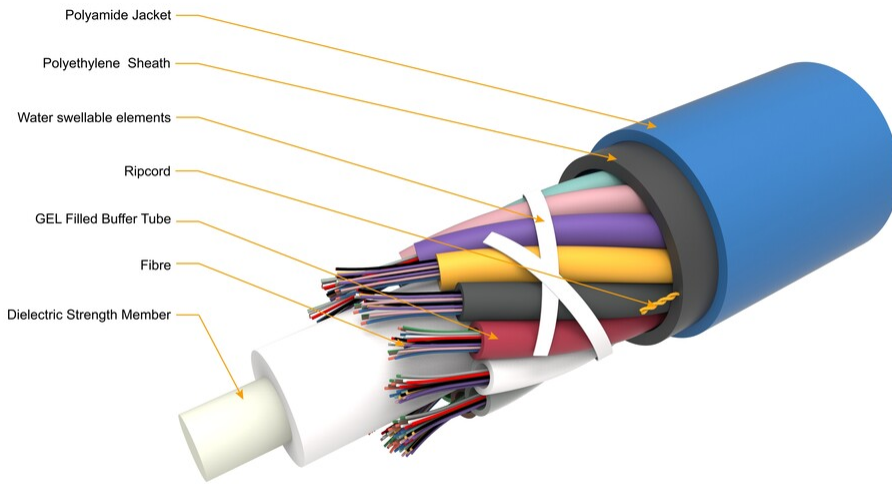
## General Specifications

<b>Cable Type</b>	Loose tube
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Subunit, quantity</b>	6
<b>Total Fiber Count</b>	12

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	1.55 mm   0.061 in
<b>Diameter Over Jacket</b>	6.3 mm   0.248 in

## Representative Image



## Material Specifications

<b>Jacket Material</b>	Nylon
<b>Inner Jacket Material</b>	PE

## Mechanical Specifications

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

## Optical Specifications

<b>Fiber Type</b>	OM4, LazrSPEED®
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## Optical Specifications, Wavelength Specific

<b>Standards Compliance</b>	TIA-492AAAD (OM4)
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Operating Temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Storage Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Environmental Space</b>	Outdoor   Outdoor, buried   UV resistant for outdoor
<b>Jacket UV Resistance</b>	UV stabilized
<b>Water Penetration Test Method</b>	IEC 60794-1 F5C

## Environmental Test Specifications

<b>Low High Bend Test Method</b>	IEC 60794-1-21 E11
<b>Temperature Cycle Test Method</b>	IEC 60794-1-22 F1

## Packaging and Weights

<b>Cable weight</b>	33 kg/km   22.175 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://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