

Fiber OSP cable, Double Jacket, flat GRP, SLT, 48 fiber, Singlemode G. 652.D, Gel-filled, Meters jacket marking, Black jacket color

## Product Classification

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

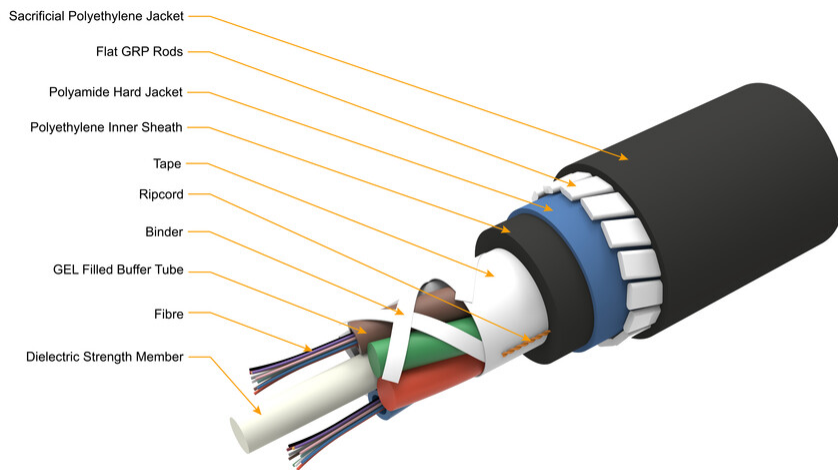
## General Specifications

<b>Armor Type</b>	Non-metallic rods
<b>Cable Type</b>	Loose tube
<b>Construction Type</b>	Armored
<b>Subunit Type</b>	Gel-filled
<b>Filler, quantity</b>	2
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Subunit, quantity</b>	4
<b>Total Fiber Count</b>	48

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	2.1 mm   0.083 in
<b>Diameter Over Jacket</b>	13.8 mm   0.543 in

## Representative Image



## Material Specifications

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

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	400 mm   15.748 in
<b>Minimum Bend Radius, unloaded</b>	200 mm   7.874 in
<b>Tensile Load, long term, maximum</b>	4000 N   899.236 lbf
<b>Cable Crush Resistance, maximum</b>	40 N/mm   228.406 lb/in
<b>Compression Test Method</b>	IEC 60794-1-21 E3
<b>Flex</b>	25 cycles
<b>Impact</b>	20 N-m   177.015 in lb
<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>	G.652.D   OS2
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.21 dB/km @ 1,550 nm   0.35 dB/km @ 1,310 nm
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## Standards Compliance

ITU-T G.652.D

## Environmental Specifications

<b>Installation temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °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</b>	24 h
<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>	165 kg/km   110.875 lb/kft
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## \* Footnotes

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