

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

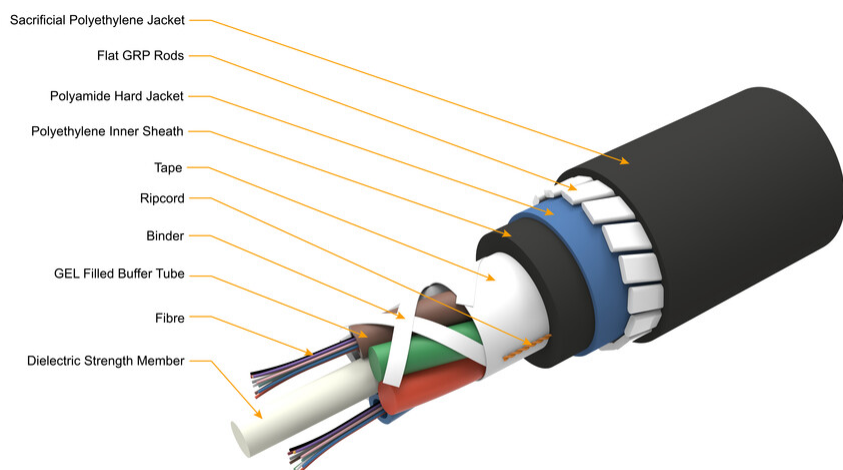
## General Specifications

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

**Jacket Material** Nylon

**Inner Jacket Material** PE

## Mechanical Specifications

**Minimum Bend Radius, loaded** 400 mm | 15.748 in

**Minimum Bend Radius, unloaded** 200 mm | 7.874 in

**Tensile Load, long term, maximum** 4000 N | 899.236 lbf

**Cable Crush Resistance, maximum** 40 N/mm | 228.406 lb/in

**Compression Test Method** IEC 60794-1-21 E3

**Flex** 25 cycles

**Impact** 20 N-m | 177.015 in lb

**Impact Test Method** IEC 60794-1 E4

**Twist** 10 cycles

**Twist Test Method** IEC 60794-1-21 E7

## Optical Specifications

**Fiber Type** G.652.D | OS2

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.21 dB/km @ 1,550 nm | 0.35 dB/km @ 1,310 nm

## 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