

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

Product Classification

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

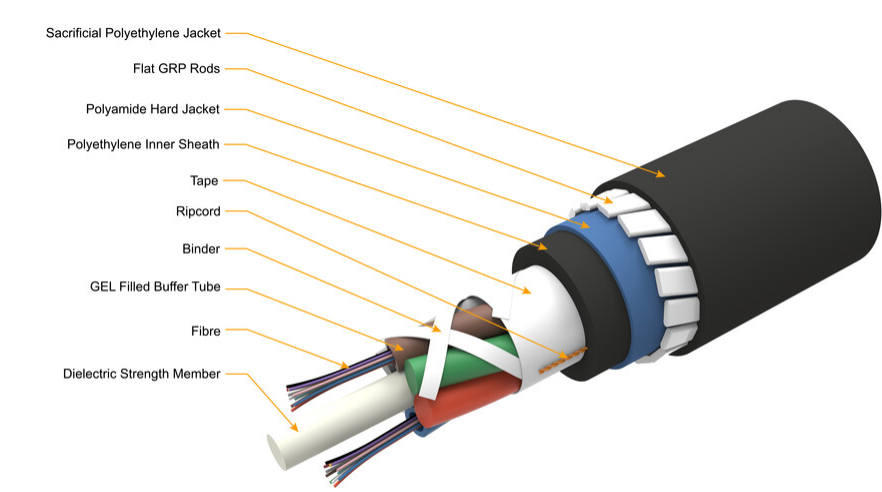
General Specifications

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

Dimensions

Buffer Tube/Subunit Diameter	2.1 mm   0.083 in
Diameter Over Jacket	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
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Optical Specifications, Wavelength Specific

Attenuation, maximum	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	
Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °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	24 h
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	165 kg/km   110.875 lb/kft

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