

Fiber OSP cable, Double Jacket, flat GRP, SLT, 12 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

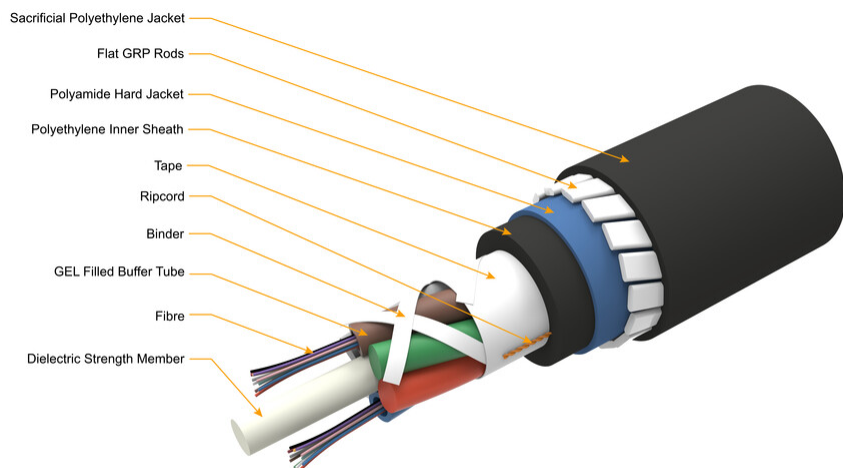
General Specifications

Armor Type	Non-metallic rods
Cable Type	Loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Filler, quantity	5
Jacket Color	Black
Jacket Marking	Meters
Subunit, quantity	1
Total Fiber Count	12

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

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

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
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable