760252159 | 0-048-N3-8M-M12BK/20G/GRP/PE /PA/PE



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

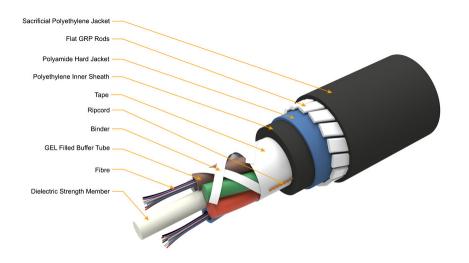
Representative Image

Page 1 of 3

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Material Specifications

Jacket Material	Nylon
Inner Jacket Material	PE
Mechanical Specifications	
Minimum Bend Radius, loaded	400 mm 15.748 in

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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

Page 2 of 3

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Standards Compliance

/PA/PE

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	

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 3 of 3

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