

Fiber OSP cable, Multimode, Triple Jacket, Anti Termite, All-Dielectric Gel-filled, Mini Stranded Loose Tube, 48 fiber, Multimode OM4, Meters jacket marking, Black jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-N3

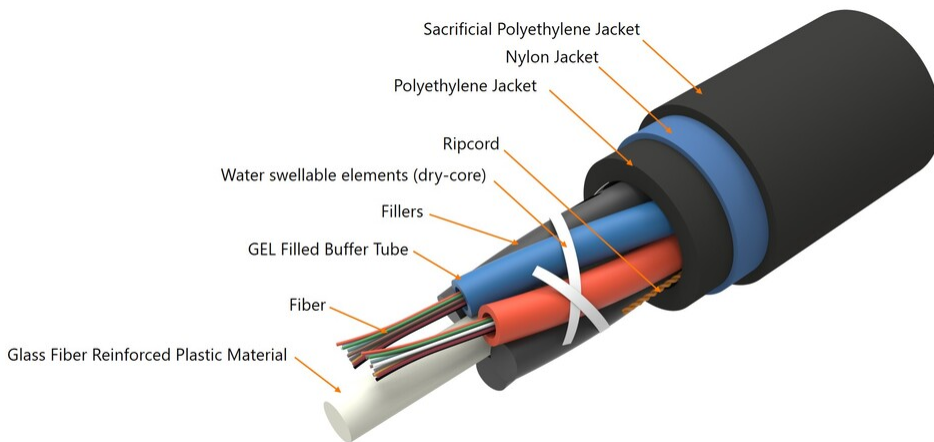
General Specifications

Cable Type	Stranded loose tube
Fibers per Subunit, quantity	12
Filler, quantity	2
Jacket Color	Black
Jacket Marking	Meters Meters
Subunit Type	Gel-filled
Subunit, quantity	4
Total Fiber Count	48

Dimensions

Buffer Tube/Subunit Diameter	1.55 mm 0.061 in
Diameter Over Jacket	7.3 mm 0.287 in

Representative Image



Material Specifications

Jacket Material Alternative jacket PE | Nylon | PE

Mechanical Specifications

Minimum Bend Radius, loaded 150 mm | 5.906 in
Minimum Bend Radius, unloaded 75 mm | 2.953 in
Tensile Load, long term, maximum 1000 N | 224.809 lbf
Compression 20 N/mm | 114.203 lb/in
Compression Test Method IEC 60794-1 E3
Flex 25 cycles
Impact 1 N-m | 8.851 in lb
Impact Test Method IEC 60794-1 E4
Strain See long and short term tensile loads
Strain Test Method IEC 60794-1 E1
Twist 10 cycles
Twist Test Method IEC 60794-1-21 E7

Optical Specifications

Fiber Type OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.70 dB/km @ 1,300 nm | 2.50 dB/km @ 850 nm

Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Cable Qualification Standards	IEC 60794-5-10
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend Test Method	IEC 60794-1 E11
Temperature Cycle Test Method	IEC 60794-1 F1

Packaging and Weights

Cable weight	43 kg/km 28.895 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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable