Outside Plant Fiber Optic Cable, armored, 4-fiber, Multimode, OM4, gel-filled, dielectric, black

OBSOLETE

Product Classification

Regional Availability	Asia Latin America North America	
Portfolio	CommScope®	
Product Type	Fiber OSP cable	
Product Series	O-LN	
General Specifications		
Armor Type	Corrugated steel	
Subunit Type	Gel-filled	
Jacket Color	Black	
Jacket Marking	Meters	
Fibers per Subunit, quantity	4	
Total Fiber Count	4	
Dimensions		
Diameter Over Jacket	11 mm 0.433 in	
Mechanical Specifications		
Minimum Bend Radius, loaded	243.8 mm 9.598 in	
Minimum Bend Radius, unloaded	121.9 mm 4.799 in	
Tensile Load, long term, maximum	890 N 200.08 lbf	
Tensile Load, short term, maximum	2669 N 600.015 lbf	
Flex	25 cycles	
Optical Specifications		
Fiber Type	OM4, LazrSPEED®	
Optical Specifications, Wavelength Specific		
10 Gbps Ethernet Distance	550 m @ 850 nm	

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6-1553396-5

Bandwidth, Laser, minimum	4,700 MHz-km @ 850 nm
Bandwidth, OFL, minimum	3,500 MHz-km @ 850 nm 🔰 500 MHz-km @ 1,300 nm
Standards Compliance	ANSI/TIA-568.A ANSI/TIA-568.B.1 ANSI/TIA-568.B.2 TIA-492AAAD (OM4)

Environmental Specifications

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	Telcordia GR-20-CORE

Packaging and Weights

Cable weight

140 kg/km | 94.076 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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