760249720 | C-012-CA-8Z-M12BK/28G/093



Fiber indoor/outdoor drop cable, LSZH, Gel-filled Central Tube, CST, 12 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber drop cable
Product Series	O-DA
General Specifications	
Cable Type	Central loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12
Dimensions	
Buffer Tube/Subunit Diameter	2.8 mm 0.11 in
Diameter Over Jacket	8.7 mm 0.343 in
Mechanical Specifications	
Minimum Bend Radius, loaded	174 mm 6.85 in
Minimum Bend Radius, unloaded	87 mm 3.425 in
Tensile Load, long term, maximum	800 N 179.847 lbf
Tensile Load, short term, maximum	1500 N 337.214 lbf
Compression	15 N/mm 85.652 lb/in
Compression Test Method	IEC 60794-1-2 E3

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Strain		See long and short term tensile loads
Strain Te	st Method	IEC 60794-1-2-E1
Optical Specifications		
Fiber Typ	e	G.652.D and G.657.A1 OS2
Optical Specifications, Wavelength Specific		
Attenuati	on, maximum	0.22 dB/km @ 1,550 nm 0.36 dB/km @ 1,310 nm
Environmental Specifications		
Installatio	on temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating	J Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage 1	emperature	-40 °C to +70 °C (-40 °F to +158 °F)

IEC 60794-1 F5B

Installation temperature	-10 °C to +60 °C (+14 °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)
Environmental Space	Buried Ducted Indoor/Outdoor
Flame Test Method	IEC 60332-1 IEC 60332-3-24
Water Penetration	24 h

Environmental Test Specifications

Water Penentration Test Method

Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1
Packaging and Weights	
Cable weight	95 kg/km 63.837 lb/kft
* Fastastas	

Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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