760243614 | L-001-MN-8G-M01IV/B2

3mm Indoor Drop Cable, 1 semi tight bufferd fiber, Singlemode, G.657.A2, Gel-free Ivory jacket color, B2ca Flame Rating

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA
Portfolio	CommScope®
Product Type	Fiber drop cable
Product Series	L-DN

General Specifications

Cable Type	Drop	Semi-tight buffer
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Ivory
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Subunit, quantity	1
Fibers per Subunit, quantity	1
Total Fiber Count	1

Dimensions

Cable Length	2,000 m	6,561.68 ft
Buffer Tube/Subunit Diameter	0.9 mm	0.035 in
Diameter Over Jacket	3 mm	0.118 in

Representative Image

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Labels on diagram:
- LSZH Outer Jacket
- Aramid Strength Members
- Rip Cord
- 900um Semi Tight Buffer
- Fiber
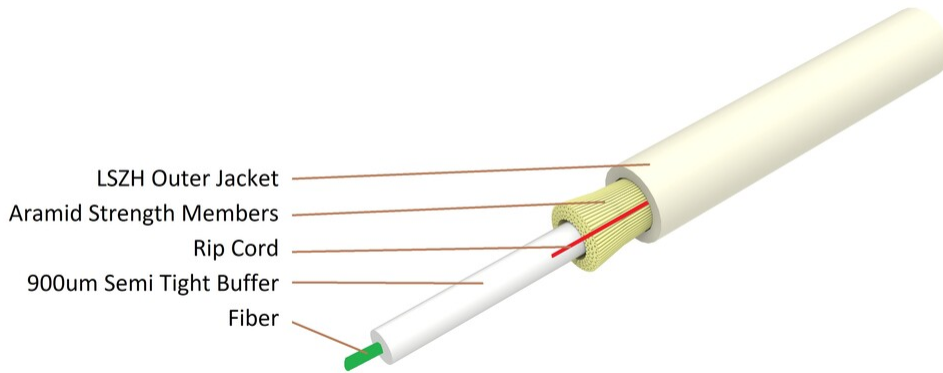
Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded	15 mm | 0.591 in
Minimum Bend Radius, unloaded	7.5 mm | 0.295 in
Tensile Load, long term, maximum	450 N | 101.164 lbf
Tensile Load, short term, maximum	1000 N | 224.809 lbf
Compression	15 N/mm | 85.652 lb/in
Compression Test Method	IEC 60794-1 E3
Impact	2 N-m | 17.701 in lb
Impact Test Method	IEC 60794-1 E4
Strain Test Method	IEC 60794-1 E1
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	G.657.A2, TeraSPEED®

Environmental Specifications

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Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Storage Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a2
Environmental Space	Drop	Ducted	Façade	Indoor/Outdoor	UV resistant for outdoor and Low Smoke Zero Halogen
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle	-30 °C to +60 °C (-22 °F to +140 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	7.9 kg/km	5.309 lb/kft

Included Products

CS-8G-TB	–	Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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