760250854　|　N-001-SP-8G-M24IV

Fiber Indoor Cable, TeraSPEED® 2.5 mm Low Smoke Zero Halogen Riser, 1-fiber Simplex, Singlemode G.657.A2, Meters jacket marking, Ivory jacket color, Dca Flame Rating

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-SP

General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Fiber Type, quantity	1
Jacket Color	Ivory
Jacket Marking	Meters
Subunit Type	Gel-free
Total Fiber Count	1

Dimensions

Diameter Over Jacket	2.4 mm	0.094 in

Representative Image

COMMSCOPE®
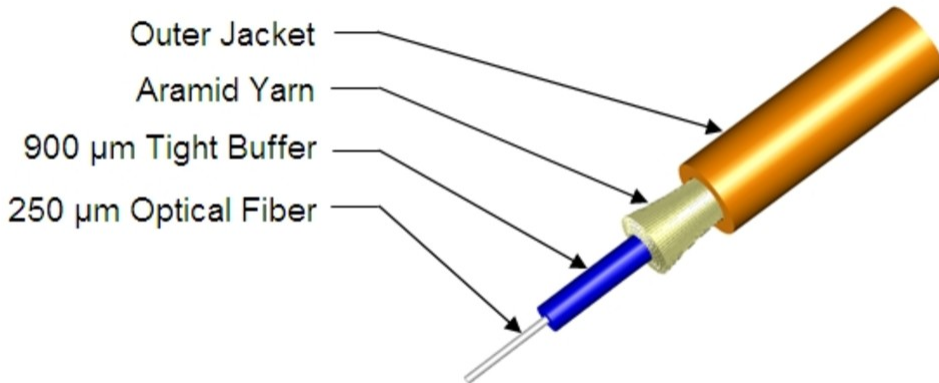
Mechanical Specifications

Minimum Bend Radius, loaded	50 mm | 1.969 in
Minimum Bend Radius, unloaded	50 mm | 1.969 in
Tensile Load, long term, maximum	80 N | 17.985 lbf
Tensile Load, short term, maximum	100 N | 22.481 lbf
Compression	5 N/mm | 28.551 lb/in
Compression Test Method	FOTP-41 | IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 | IEC 60794-1 E6
Impact	1 N-m | 8.851 in lb
Impact Test Method	FOTP-25 | IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 | IEC 60794-1 E1
Twist	25 cycles
Twist Test Method	FOTP-85 | IEC 60794-1 E7
Vertical Rise, maximum	500 m | 1,640.42 ft

Optical Specifications

Fiber Type	G.657.A2

Environmental Specifications

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Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596	Telcordia GR-409
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	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser
Flame Test Listing	IEC 60332-1-2
Flame Test Method	EN 50399	IEC 60332-1-2	IEC 60754-2

Environmental Test Specifications

Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3	IEC 60794-1 F1

Packaging and Weights

Cable weight	5.5 kg/km	3.696 lb/kft

Included Products

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