760258375 | N-003-MP-8G1-F20YL/LTS

Fiber Indoor Cable, Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 3 fiber, gel-free, singlemode G.657.A2, feet jacket marking, yellow cable jacket color

Product Classification

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

General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Total Fiber Count	3

Dimensions

Diameter Over Armor	2 mm	0.079 in

Mechanical Specifications

Minimum Bend Radius, loaded	38 mm	1.496 in
Minimum Bend Radius, unloaded	16 mm	0.63 in
Tensile Load, long term, maximum	20 N	4.496 lbf
Tensile Load, short term, maximum	67 N	15.062 lbf
Compression	4 N/mm	22.841 lb/in
Compression Test Method	FOTP-41	IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104	IEC 60794-1 E6
Impact	0.74 N-m	6.55 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

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Twist	10 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	G.657.A2/B2	OS2	OS2

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	0 °C to +70 °C (+32 °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
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	UL 1666	UL 1685

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	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37	IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3	IEC 60794-1 F1

Packaging and Weights

Cable weight	3.1 kg/km	2.083 lb/kft

Included Products

CS-8G1-MP	–	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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