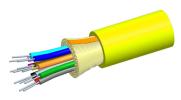# 760249372 | N-008-DS-8Z-MSUYL/093

Fiber indoor cable, Low Smoke Zero Halogen Distribution, 8 fiber single-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

Product Classification

Regional Availability	Asia	Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-DS

General Specifications

Cable Type	Distribution
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Meters
Total Fiber Count	8

Dimensions

Diameter Over Jacket	5.4 mm	0.213 in

Representative Image

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Outer Jacket
Aramid Yarn
Ripcord
900 µm Tight Buffer
250 µm Optical Fiber

Mechanical Specifications

Minimum Bend Radius, loaded	108 mm	4.252 in
Minimum Bend Radius, unloaded	54 mm	2.126 in
Tensile Load, long term, maximum	198 N	44.512 lbf
Tensile Load, short term, maximum	660 N	148.374 lbf
Compression	10 N/mm	57.101 lb/in
Compression Test Method	IEC 60794-1 E3
Strain Test Method	IEC 60794-1-21 E1

Optical Specifications

Fiber Type	G.657.A1

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.30 dB/km @ 1,550 nm	0.40 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °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)
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser
Flame Test Listing	NEC OFNR (UL) and c(UL)

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Flame Test Method   IEC 60332-3 | UL 1666 | UL 1685

Environmental Test Specifications

Temperature Cycle Test Method   IEC 60794-1 F1

Included Products

CS-8Z-TB-0.40/0.30/093   –   Low Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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