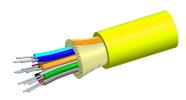# 760249370 | N-004-DS-8Z-MSUYL/093

Fiber indoor cable, Low Smoke Zero Halogen Distribution, 4 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	4

Dimensions

Diameter Over Jacket	4.8 mm	0.189 in

Representative Image

COMMSCOPE®

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

Mechanical Specifications

Minimum Bend Radius, loaded	96 mm | 3.78 in
Minimum Bend Radius, unloaded	48 mm | 1.89 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	See long and short term tensile loads
Strain Test Method	IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	IEC 60794-1 E7

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)

COMMSCOPE®

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

Environmental Test Specifications

Temperature Cycle Test Method	IEC 60794-1 F1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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

COMMSCOPE®