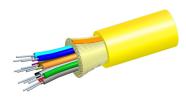
760255308 | L-006-DS-8Z-MSUYL/09X/B2



Fiber indoor cable, Low Smoke Zero Halogen Indoor Distribution, 6 fiber single-unit, Singlemode G.657.Al, Meters jacket marking, Yellow jacket color

Product Classification

Regional Availability China

Portfolio CommScope® Fiber indoor cable **Product Type**

Product Series L-DS **Country Specific for** China

General Specifications

Cable Type Tight buffer

Jacket Color Yellow **Jacket Marking** Meters

Strength Members E-glass yarns

Total Fiber Count

Dimensions

Buffer Tube/Subunit Diameter 0.9 mm | 0.035 in **Diameter Over Jacket** 5.3 mm | 0.209 in

Mechanical Specifications

Minimum Bend Radius, loaded 106 mm | 4.173 in Minimum Bend Radius, unloaded 53 mm | 2.087 in

Tensile Load, long and short term See Sag and Tension tables in Product Documentation section

198 N | 44.512 lbf Tensile Load, long term, maximum 660 N | 148.374 lbf Tensile Load, short term, maximum Cable Crush Resistance, maximum 10 N/mm | 57.101 lb/in 10 N/mm | 57.101 lb/in Compression

Compression Test Method IEC 60794-1 E3 | IEC 60794-1-2 E3

Strain See long and short term tensile loads



760255308 | L-006-DS-8Z-MSUYL/09X/B2

Strain Test Method IEC 60794-1-2-E1

Optical Specifications

Fiber Type G.652.D and G.657.A1

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.3 dB/km @ 1,550 nm | 0.3 dB/km @ 1,625 nm | 0.40 dB/km @ 1,310

nm

Environmental Specifications

Installation temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 °F to +140 °F)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 °F to +140 °F)

Storage Temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 °F to +140 °F)

Cable Qualification StandardsTelcordia GR-409

Environmental Space Low Smoke Zero Halogen (LSZH) | Low Smoke Zero Halogen (LSZH)

Flame Test Listing B1 | B2
Flame Test Method GB/T 31247

Environmental Test Specifications

 Temperature Cycle
 -20 °C to +60 °C (-4 °F to +140 °F)

 Temperature Cycle Test Method
 IEC 60794-1 F1 | IEC 60794-1-2 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



760255308 | L-006-DS-8Z-MSUYL/09X/B2

Operating Temperature Specification applicable to non-terminated bulk fiber cable