



Fiber indoor cable, Low Smoke Zero Halogen Indoor Distribution, 6 fiber single-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

Product Classification

Regional Availability	China
Portfolio	CommScope®
Product Type	Fiber indoor cable
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	6

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
Tensile Load, long term, maximum	198 N 44.512 lbf
Tensile Load, short term, maximum	660 N 148.374 lbf
Cable Crush Resistance, maximum	10 N/mm 57.101 lb/in
Compression	10 N/mm 57.101 lb/in
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 °C to +60 °C (-4 °F to +140 °F)

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

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

Cable Qualification Standards Telcordia 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

Operating Temperature Specification applicable to non-terminated bulk fiber cable