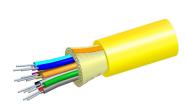
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Fiber indoor cable, Low Smoke Zero Halogen Indoor Distribution, 8 fiber single-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

Product Classification

Regional Availability China

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series L-DS

Country Specific for China

General Specifications

Cable TypeTight buffer

Jacket Color Yellow
Jacket Marking Meters

Strength Members E-glass yarns

Total Fiber Count 8

Dimensions

Buffer Tube/Subunit Diameter 0.9 mm | 0.035 in

Diameter Over Jacket 6 mm | 0.236 in

Mechanical Specifications

Minimum Bend Radius, loaded120 mm4.724 inMinimum Bend Radius, unloaded60 mm2.362 in

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

Tensile Load, long term, maximum198 N | 44.512 lbfTensile Load, short term, maximum660 N | 148.374 lbfCompression10 N/mm | 57.101 lb/in

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Compression Test Method IEC 60794-1-2 E3

Strain See long and short term tensile loads

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 $-10 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (+14 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C } (-4 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$

Storage Temperature $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$

Cable Qualification StandardsTelcordia GR-409

Environmental Space Low Smoke Zero Halogen (LSZH)

Flame Test Listing B1

Flame Test Method GB/T 31247

Environmental Test Specifications

Temperature Cycle -20 °C to +70 °C (-4 °F to +158 °F)

Temperature Cycle Test Method 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

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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable