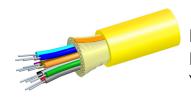
760253612 | C-012-DS-8Z-MSUYL/093/B1



Fiber Indoor/Outdoor cable, Low Smoke Zero Halogen, Distribution, Gel-Free, 12 fiber single-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

OBSOLETE

This product was discontinued on: June 19, 2023

Product Classification

Regional Availability China

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-DS

Country Specific for China

General Specifications

Cable TypeTight bufferSubunit TypeGel-freeJacket ColorYellowJacket MarkingMeters

Strength Members E-glass yarns

Total Fiber Count 12

Dimensions

Buffer Tube/Subunit Diameter0.9 mm0.035 inDiameter Over Jacket6.6 mm0.26 in

Mechanical Specifications

Minimum Bend Radius, loaded132 mm5.197 inMinimum Bend Radius, unloaded66 mm2.598 in

Tensile Load, long and short termSee 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

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Compression 10 N/mm | 57.101 lb/in

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

 Cable Qualification Standards
 Telcordia GR-409

Environmental Space Low Smoke Zero Halogen (LSZH)

Flame Test Listing B1

Flame Test Method GB/T 31247

Environmental Test Specifications

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

Temperature Cycle Test Method IEC 60794-1-2 F1

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

