2-1716354-4 | C-002-DN-8G-MSUYL/AY/D



Fiber Indoor/Outdoor Drop Cable, FTTH, 2 fibers, Singlemode, G.657.A2, Gel-free, Meters jacket marking, Yellow jacket color, Dca Flame Rating

- designed to offer flexibility, strength and compact construction for internal and interbuilding use
- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength
- oversheathed with a ULSZH jacket meeting IEC fire performance requirements

Product Classification

Regional AvailabilityAsia | EMEAPortfolioCommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-DN

General Specifications

Cable Type Drop | Semi-tight buffer

Jacket ColorYellowJacket MarkingMetersJacket Marking MethodInkjet

Strength Members Central fiber reinforced polymer (FRP) rod

Subunit, quantity2Fibers per Subunit, quantity1Total Fiber Count2

Buffer Type Semi-tight

Dimensions

 Cable Length
 1000 m | 3,280.84 ft

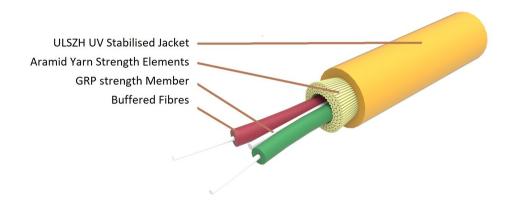
 Buffer Tube/Subunit Diameter
 0.9 mm | 0.035 in

 Diameter Over Jacket
 4 mm | 0.157 in

Representative Image



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Material Specifications

Inner Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded100 mm3.937 inMinimum Bend Radius, unloaded60 mm2.362 in

Tensile Load, long term, maximum $600 \text{ N} \mid 134.885 \text{ lbf}$ Tensile Load, short term, maximum $1200 \text{ N} \mid 269.771 \text{ lbf}$

Compression 20 N/mm | 114.203 lb/in

Compression Test Method IEC 60794-1 E3

Impact 5 N-m | 44.254 in lb

Impact Test Method IEC 60794-1 E4

Twist 5 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type G.657.A2, TeraSPEED®

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.50 dB/km @ 1,310 nm | 0.50 dB/km @ 1,550 nm

Standards Compliance IEC 60794-1 | ITU-T G.657.A2

COMMSCSPE®

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Environmental Specifications

Installation temperature $-30 \,^{\circ}\text{C} \, \text{to} + 60 \,^{\circ}\text{C} \, (-22 \,^{\circ}\text{F to} + 140 \,^{\circ}\text{F})$ Operating Temperature $-30 \,^{\circ}\text{C} \, \text{to} + 60 \,^{\circ}\text{C} \, (-22 \,^{\circ}\text{F to} + 140 \,^{\circ}\text{F})$ Storage Temperature $-30 \,^{\circ}\text{C} \, \text{to} + 60 \,^{\circ}\text{C} \, (-22 \,^{\circ}\text{F to} + 140 \,^{\circ}\text{F})$

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd0EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Drop | Low Smoke Zero Halogen (LSZH)

Water Penetration 24 h

Environmental Test Specifications

Temperature Cycle -30 °C to +60 °C (-22 °F to +140 °F)

Temperature Cycle Test Method IEC 60794-1-2 F1

Packaging and Weights

Cable weight 16.3 kg/km | 10.953 lb/kft

Included Products

CS-8G-TB – Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

