810009860/DB | C-006-DN-8W-M06YL/28G/AY





Fiber indoor/outdoor cable, LightScope ZWP®, Gel-Filled loose tube, Singlemode G.652.D, 6 fiber, Meters jacket marking, Yellow jacket color, Eca flame rating

OBSOLETE

This product was discontinued on: March 31, 2023

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-DN

General Specifications

Cable Type Central loose tube

Construction Type Non-armored

Subunit Type Gel-filled

Jacket Color Yellow

Jacket Marking Meters

Fibers per Subunit, quantity 6

Total Fiber Count 6

Dimensions

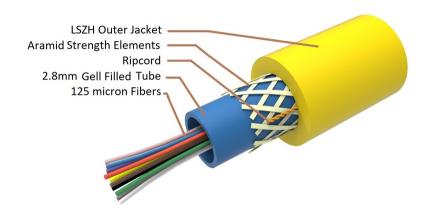
Cable Length 1000 m | 3,280.84 ft

Buffer Tube/Subunit Diameter 2.8 mm | 0.11 in

Diameter Over Jacket 6.4 mm | 0.252 in

Representative Image





Mechanical Specifications

Minimum Bend Radius, loaded130 mm | 5.118 inMinimum Bend Radius, unloaded75 mm | 2.953 inTensile Load, long term, maximum400 N | 89.924 lbfTensile Load, short term, maximum530 N | 119.149 lbf

Cable Crush Resistance, maximum 20 N/mm | 114.203 lb/in

 Compression Test Method
 IEC 60794-1-2 E3

 Impact
 5 N-m | 44.254 in lb

Impact Test Method IEC 60794-1 E4

Optical Specifications

Fiber Type G.652.D | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.35 dB/km @ 1,300 nm

Environmental Specifications

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

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

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/E

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

EN50575 CPR Cable EuroClass Fire Performance Eca

Environmental Space Universal Low Smoke Zero Halogen (ULSZH)

Water Penetration 24 h

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

Packaging and Weights

Cable weight 44 kg/km | 29.567 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

