## 810009866/DB | C-004-DA-8W-M04BK/28G/GY



Fiber indoor/outdoor cable, 4 Fiber, Single Jacket Armor, LSZH, Gel-Filled, Central Loose Tube Cable, Singlemode G.652.D, Meters jacket marking, Black jacket color

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA

Portfolio CommScope®

**Product Type** Fiber indoor/outdoor cable

**Product Series** C-DA

### General Specifications

Armor Type Corrugated steel

Cable Type Central loose tube

Construction Type Armored
Subunit Type Gel-filled
Jacket Color Black
Jacket Marking Method Inkjet

Jacket Marking Text COMMSCOPE GB F.O. CABLE 810009866/DB CSA GEL LOOSE TUBE 4x9

/125 OS2 ULSZH (Serial NUMBER) (METRE MARK)

Subunit, quantity 1
Fibers per Subunit, quantity 4
Total Fiber Count 4

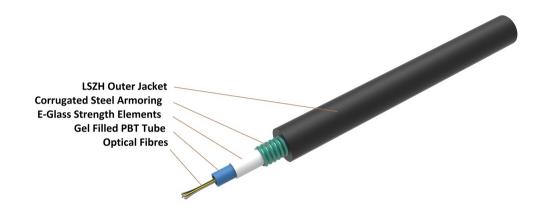
#### Dimensions

Buffer Tube/Subunit Diameter2.8 mm0.11 inDiameter Over Jacket10 mm0.394 in

### Representative Image



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### Mechanical Specifications

Minimum Bend Radius, loaded330 mm | 12.992 inMinimum Bend Radius, unloaded210 mm | 8.268 inTensile Load, long term, maximum400 N | 89.924 lbfTensile Load, short term, maximum1250 N | 281.011 lbf

**Compression** 30 N/mm | 171.304 lb/in

**Compression Test Method** IEC 60794-1 E3

**Impact** 5 N-m | 44.254 in lb

Impact Test Method IEC 60794-1 E4

**Strain** See long and short term tensile loads

Strain Test Method IEC 60794-1 E1

**Twist** 5 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type G.652.D | OS2

### **Environmental Specifications**

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

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Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

**Cable Qualification Standards** EN 187105 | IEC 60794-1-2

Environmental Space Aerial, lashed | Buried | Low Smoke Zero Halogen (LSZH)

Flame Test Method | IEC 60332-1 | IEC 60754-1 | IEC 60754-2 | IEC 61034-2

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penetration Test Method IEC 60794-1 F5

**Environmental Test Specifications** 

**Low High Bend Test Method** IEC 60794-1 E11

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

**Temperature Cycle Test Method** IEC 60794-1 F1

Packaging and Weights

**Cable weight** 135 kg/km | 90.716 lb/kft

Included Products

CS-8W-LT - TeraSPEED® G652D/G657A1 Singlemode

Fiber

#### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

