



Fiber indoor/outdoor drop cable, LSZH, Gel-filled Central Tube, CST, 12 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

Product Classification

| | |
|------------------------------|------------------------------|
| Regional Availability | Asia Australia/New Zealand |
| Portfolio | CommScope® |
| Product Type | Fiber drop cable |
| Product Series | O-DA |

General Specifications

| | |
|-------------------------------------|--------------------|
| Cable Type | Central loose tube |
| Construction Type | Armored |
| Subunit Type | Gel-filled |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 12 |

Dimensions

| | |
|-------------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 2.8 mm 0.11 in |
| Diameter Over Jacket | 8.7 mm 0.343 in |

Mechanical Specifications

| | |
|--|------------------------|
| Minimum Bend Radius, loaded | 174 mm 6.85 in |
| Minimum Bend Radius, unloaded | 87 mm 3.425 in |
| Tensile Load, long term, maximum | 800 N 179.847 lbf |
| Tensile Load, short term, maximum | 1500 N 337.214 lbf |
| Compression | 15 N/mm 85.652 lb/in |
| Compression Test Method | IEC 60794-1-2 E3 |

760249720 | C-012-CA-8Z-M12BK/28G/093

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 | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum 0.22 dB/km @ 1,550 nm | 0.36 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature -10 °C to +60 °C (+14 °F to +140 °F)

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

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

Environmental Space Buried | Ducted | Indoor/Outdoor

Flame Test Method IEC 60332-1 | IEC 60332-3-24

Water Penetration 24 h

Water Penetration Test Method IEC 60794-1 F5B

Environmental Test Specifications

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

Temperature Cycle Test Method IEC 60794-1-2 F1

Packaging and Weights

Cable weight 95 kg/km | 63.837 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable