

Fiber indoor/outdoor cable, LSZH Figure 8, 2 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

Product Classification

| | |
|------------------------------|----------------------------|
| Regional Availability | China |
| Portfolio | CommScope® |
| Product Type | Fiber indoor/outdoor cable |
| Product Series | C-DN |

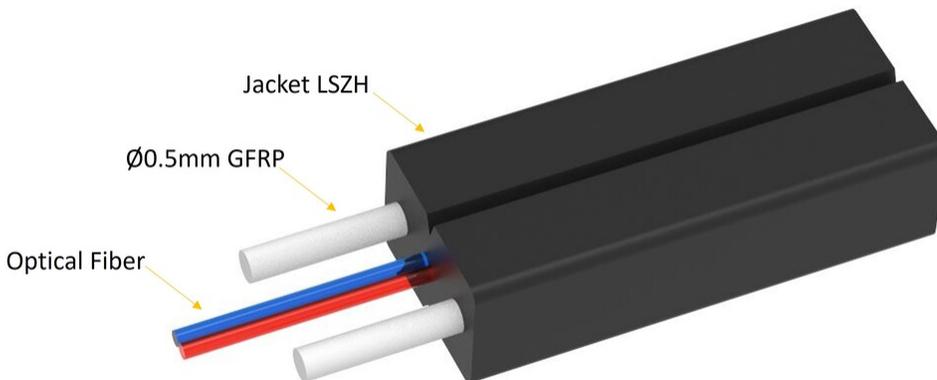
General Specifications

| | |
|-------------------------------------|--|
| Jacket Color | Black |
| Jacket Marking | Meters |
| Strength Members | Central fiber reinforced polymer (FRP) rod |
| Fibers per Subunit, quantity | 2 |
| Total Fiber Count | 2 |

Dimensions

| | |
|---------------------------|-----------------|
| Height Over Jacket | 3 mm 0.118 in |
| Width Over Jacket | 2 mm 0.079 in |

Representative Image



Material Specifications

Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded 40 mm | 1.575 in
Minimum Bend Radius, unloaded 20 mm | 0.787 in
Tensile Load, long term, maximum 40 N | 8.992 lbf
Tensile Load, short term, maximum 80 N | 17.985 lbf
Cable Crush Resistance, maximum 10 N/mm | 57.101 lb/in
Compression Test Method IEC 60794-1-2 E3
Impact 1 N-m | 8.851 in lb
Impact Test Method IEC 60794-1 E4
Twist 20 cycles
Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type G.652.D and G.657.A1

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 +50 °C (+14 °F to +122 °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)
Cable Qualification Standards IEC 60794-1-2
Environmental Space Indoor/Outdoor
Flame Test Listing B1
Flame Test Method GB/T 31247
Jacket UV Resistance ASTM G154 Cycle 1, for 720 hours

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 9 kg/km | 6.048 lb/kft

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable