

Fiber indoor/outdoor cable, LSZH Figure 8, 4 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

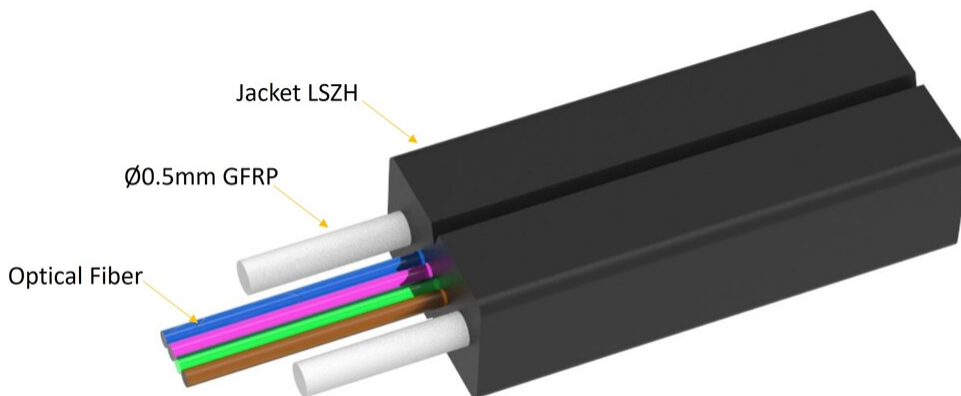
General Specifications

Jacket Color	Black
Jacket Marking	Meters
Strength Members	Central fiber reinforced polymer (FRP) rod
Fibers per Subunit, quantity	4
Total Fiber Count	4

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