

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

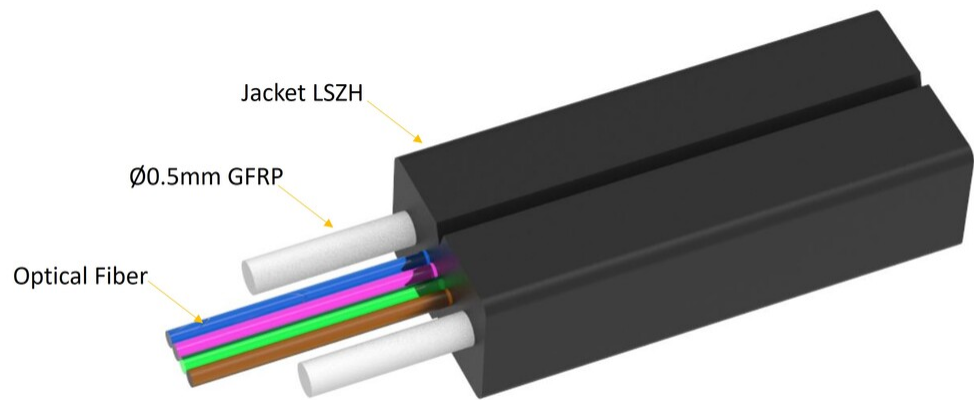
General Specifications

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 Method	IEC 60332-1
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 weight9 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 TemperatureSpecification applicable to non-terminated bulk fiber cable