760251961 | C-036-LN-8Z-M12BK/21G/093



Fiber indoor/outdoor cable, Loose Tube Gel-filled, 36 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 indoor/outdoor cable
Product Series	C-LN
General Specifications	
Cable Type	Stranded loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Filler, quantity	3
Jacket Color	Black
Jacket Marking	Meters
Subunit, quantity	3
Fibers per Subunit, quantity	12
Total Fiber Count	36
Dimensions	
Buffer Tube/Subunit Diameter	2.1 mm 0.083 in
Diameter Over Jacket	10.7 mm 0.421 in

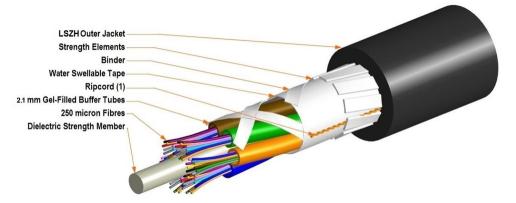
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	214 mm 8.425 in
Minimum Bend Radius, unloaded	107 mm 4.213 in
Tensile Load, long term, maximum	890 N 200.08 lbf
Tensile Load, short term, maximum	2700 N 606.984 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1-2 E3
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-21 E1

Optical Specifications

Fiber Type

G.652.D and G.657.A1 | OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum

0.3 dB/km @ 1,625 nm | 0.30 dB/km @ 1,550 nm | 0.4 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 Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-1
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5B

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Environmental Test Specifications

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

Temperature Cycle Test Method

IEC 60794-1-2 F1

Packaging and Weights

Cable weight

117 kg/km | 78.62 lb/kft

Included Products

CS-8Z-LT

 Low Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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