760255702 | C-012-DN-8X-M12BK/20G/09G-IN00

G652.D compliant fiber drop cable for Indoor/Outdoor use , Gel-filled loose tube, 12 fiber, Meter jacket marking, Black

Product Classification

Regional Availability	Asia	Australia/New Zealand	China	India
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DN

General Specifications

Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Subunit, quantity	1
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	2 mm	0.079 in
Diameter Over Jacket	5.05 mm	0.199 in

Mechanical Specifications

Minimum Bend Radius, loaded	50 mm	1.969 in
Minimum Bend Radius, storage coils	50 mm	1.969 in
Minimum Bend Radius, unloaded	50 mm	1.969 in
Tensile Load, long term, maximum	400 N	89.924 lbf
Tensile Load, short term, maximum	1500 N	337.214 lbf
Cable Crush Resistance, maximum	15 N/mm	85.652 lb/in
Compression	15 N/mm	85.652 lb/in

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Compression Test Method	IEC 60794-1-2 E3
Impact	3 N-m	26.552 in lb
Impact Test Method	IEC 60794-1 E4
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	G.657.A1

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.30 dB/km @ 1,550 nm	0.40 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature	-15 °C to +40 °C (+5 °F to +104 °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	Drop	Universal Low Smoke Zero Halogen (ULSZH)
Flame Test Listing	IEC 60332-1-2
Flame Test Method	EN 50399	IEC 60754-2	IEC 61034-2
Water Penetration	24 h

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	30 kg/km	20.159 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

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Included Products

CS-8F-LT – Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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