810009919/DB | C-004-DN-8G-M04WH/15G/V6 /D

Fiber Drop Cable, Façade, Duct and Aerial, FTTH, 4 fibers, Singlemode, G. 657.A2, Gel-filled, Meters jacket marking, White jacket, Dca Flame Rating

Product Classification

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

General Specifications

Cable Type	Central loose tube	Drop	Tight buffer
Construction Type	Non-armored
Subunit Type	Gel-filled
Inner Jacket Color	White
Jacket Color	White
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB F.O. CABLE 810009919/DB 4x9/125 G657A2 EN50575 CLASS D ULSZH (serial number) (metre mark)
Subunit, quantity	1
Fibers per Subunit, quantity	4
Total Fiber Count	4

Dimensions

Cable Length	1,999.793 m	6561 ft
Buffer Tube/Subunit Diameter	1.5 mm	0.059 in
Diameter Over Jacket	4.5 mm	0.177 in

Representative Image

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Low Smoke Zero-Halogen Jacket
Water Blocking E-Glass
Ripcord
Aramid Yarn
1.5mm Gel Filled Tube
Optical Fiber
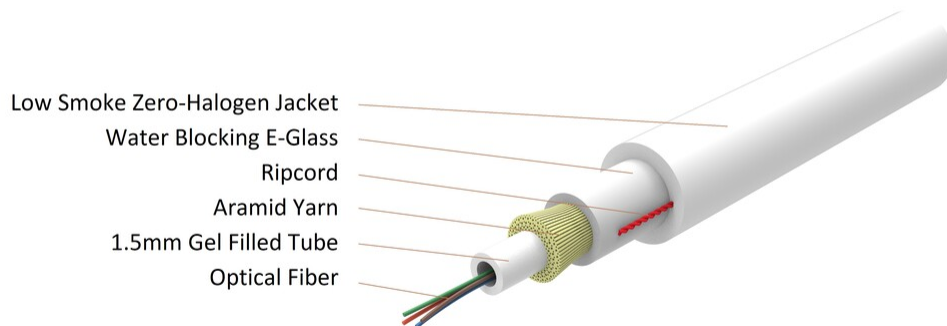
Material Specifications

Jacket Material   Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded   75 mm | 2.953 in

Tensile Load, long term, maximum   300 N | 67.443 lbf

Tensile Load, short term, maximum   1000 N | 224.809 lbf

Compression   10 N/mm | 57.101 lb/in

Compression Test Method   IEC 60794-1 E3

Impact   2 N-m | 17.701 in lb

Impact Test Method   IEC 60794-1 E4

Strain   See long and short term tensile loads

Strain Test Method   IEC 60794-1 E1

Twist   5 cycles

Twist Test Method   IEC 60794-1 E7

Optical Specifications

Fiber Type   G.657.A2, TeraSPEED®

Environmental Specifications

Installation temperature   0 °C to +60 °C (-32 °F to +140 °F)

Operating Temperature   -25 °C to +70 °C (-13 °F to +158 °F)

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Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Drop | Ducted | Façade | Indoor/Outdoor | UV resistant for outdoor and Low Smoke Zero Halogen
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle	-25 °C to +70 °C (-13 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-22 F1

Packaging and Weights

Cable weight	26 kg/km | 17.471 lb/kft

Included Products

CS-8G-TB	–	Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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