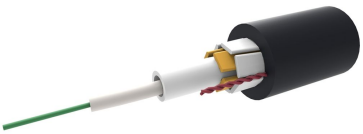
6-2160736-3 | C-001-DN-8G-M01BK/20G/V6/D



Drop Cable FTTH

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	Tight buffer
Construction Type	Non-armored | Ultra Low Loss (ULL) trunk/extension/cross-connect, indoor
Subunit Type	Gel-filled
Inner Jacket Color	White
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB G657A2 V6 Class Dca-s1,d0,a1 [Serial NUMBER] (DD/MM /YY) [METRES] M
Subunit, quantity	1
Fibers per Subunit, quantity	1
Total Fiber Count	1

Dimensions

Cable Length	999.744 m | 3280 ft
Buffer Tube/Subunit Diameter	2 mm | 0.079 in
Diameter Over Jacket	5 mm | 0.197 in

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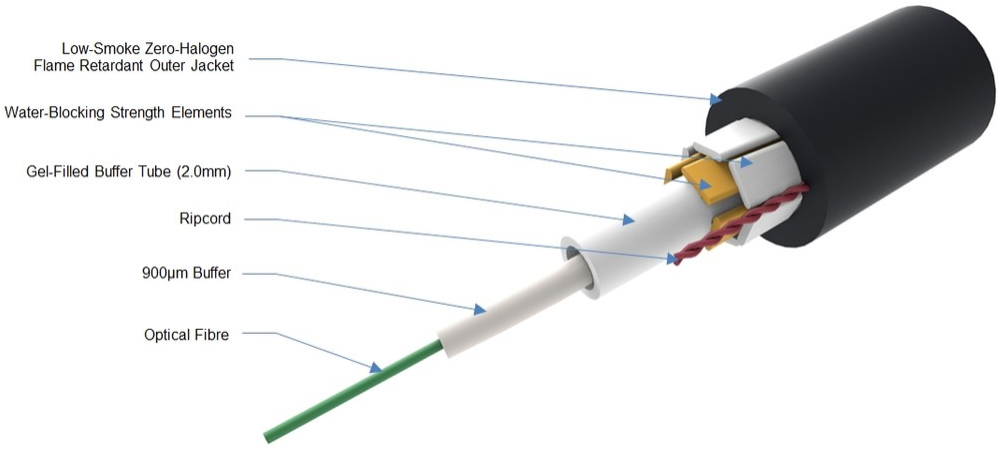
Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	75 mm | 2.953 in
Minimum Bend Radius, unloaded	25 mm | 0.984 in
Tensile Load, long term, maximum	300 N | 67.443 lbf
Tensile Load, short term, maximum	1200 N | 269.771 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	10 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)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Drop | Outdoor | UV resistant for outdoor and Low Smoke Zero Halogen
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	30 kg/km | 20.159 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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