



Fiber indoor/outdoor drop cable, LightScope® ZWP, 4 fiber Gel-filled central loose tube, Singlemode G.657.A1, Meters jacket marking, Black jacket color

Product Classification

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

General Specifications

Cable Type	Central loose tube Drop Tight buffer
Construction Type	Breakout Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 810009795/DB 4X A2 SM LSZH EN5075 [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	2 mm 0.079 in
Diameter Over Jacket	5.05 mm 0.199 in

Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)
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Mechanical Specifications

810009795/DB | C-004-CN-8F-M04BK/20G

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	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	G.657.A1
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Environmental Specifications

Installation temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Operating Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Storage Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
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	34 kg/km 22.847 lb/kft
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Included Products

CS-8F-250-EMEA – LightScope® ZWP Singlemode Fiber
8F-250um

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable