810009879/DB | C-024-CA-8W-M24BK/40G/GRP /E

Fiber indoor/outdoor drop cable, 24-fiber, ULSZH, loose tube, Singlemode G.652.D, gel-filled, Meters jacket marking, Black jacket color, Eca flame rating. Provides Rodent Resistance

Product Classification

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

General Specifications

Armor Type	Non-metallic rods
Cable Type	Loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 810009879/DB 24 x 9 /125 OS2 ULSZH EN50575 CLASS E [Serial NUMBER] [METRE MARK]
Subunit, quantity	1
Fibers per Subunit, quantity	24
Total Fiber Count	24

Dimensions

Cable Length	2000 m	6,561.68 ft
Buffer Tube/Subunit Diameter	4 mm	0.157 in
Diameter Over Jacket	11 mm	0.433 in

Representative Image

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ULSZH Outer Jacket
Binder
Mylar Tape (not shown)
1.5mm GRP Armoring
4.0mm Gel filled
Central Loose Tube
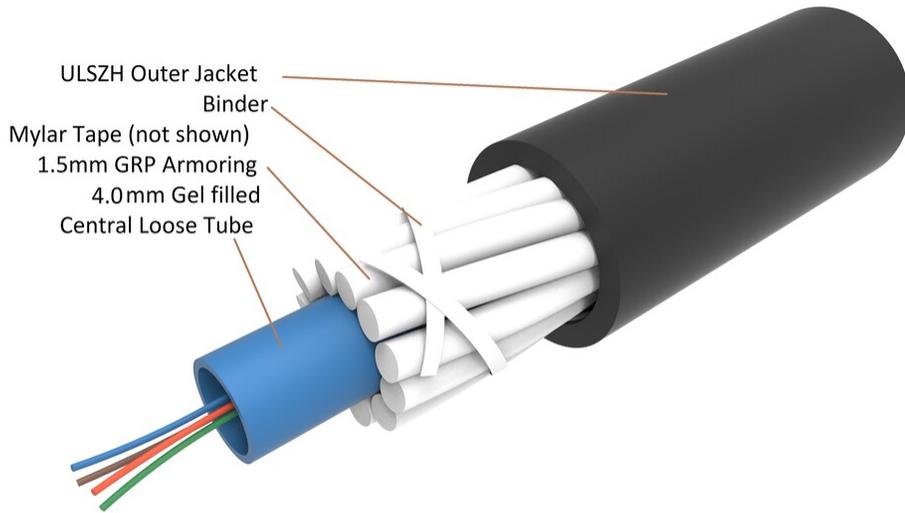
Mechanical Specifications

Minimum Bend Radius, loaded	320 mm	12.598 in
Minimum Bend Radius, unloaded	240 mm	9.449 in
Tensile Load, long term, maximum	750 N	168.607 lbf
Tensile Load, short term, maximum	3000 N	674.427 lbf
Cable Crush Resistance, maximum	30 N/mm	171.304 lb/in
Compression	30 N/mm	171.304 lb/in
Compression Test Method	IEC 60794-1-2 E3
Impact	5 N-m	44.254 in lb
Impact Test Method	IEC 60794-1 E4
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	G.652.D

Environmental Specifications

Installation temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)

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Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Environmental Test Specifications

Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	142 kg/km	95.42 lb/kft

Included Products

CS-8W-LT	–	TeraSPEED® G652D/G657A1 Singlemode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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