810009842/DB | C-006-CA-8W-M06YL/28G/GRP/D

Fiber indoor/outdoor drop cable, 6-fiber, ULSZH, loose tube, gel-filled, Singlemode G.652.D and G.657.A1, Meters jacket marking, Yellow jacket color

Product Classification

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

General Specifications

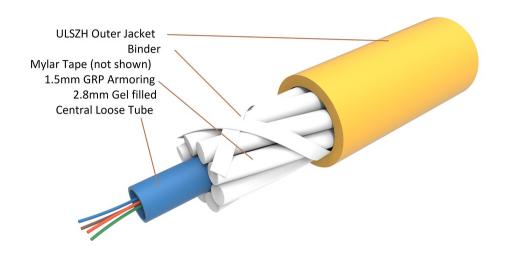|	
Armor Type	Non-metallic rods
Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	1
Jacket Color	Yellow
Jacket Marking	Meters
Jacket Marking Method	Hot foil
Jacket Marking Text	COMMSCOPE GB F.O. CABLE810009842/DB EXT GRP ARMOUR 6X9 /125 OS2 (Serial number) (metre mark)
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Cable Length	2000 m	6,561.68 ft
Diameter Over Jacket	9 mm	0.354 in

Representative Image

COMMSCOPE®

ULSZH Outer Jacket
Binder
Mylar Tape (not shown)
1.5mm GRP Armoring
2.8mm Gel filled
Central Loose Tube

Mechanical Specifications

Minimum Bend Radius, loaded	228.6 mm	9 in
Minimum Bend Radius, unloaded	175.3 mm	6.902 in
Tensile Load, long term, maximum	750 N	168.607 lbf
Tensile Load, short term, maximum	2002 N	450.068 lbf

Optical Specifications

Fiber Type	OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.35 dB/km @ 1,300 nm	0.35 dB/km @ 1,550 nm	0.45 dB/km @ 1,310 nm
Standards Compliance	IEC 60794-1	TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

COMMSCOPE®

810009842/DB | C-006-CA-8W-M06YL/28G/GRP /D

Cable weight   94 kg/km | 63.165 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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