

Fiber indoor/outdoor drop cable, 8-fiber, ULSZH, loose tube, gel-filled, Singlemode G.652.D and G.657.A1, Yellow jacket color, Dca flame rating. Provides Rodent Resistance

OBSOLETE

This product was discontinued on: March 31, 2023

Product Classification

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

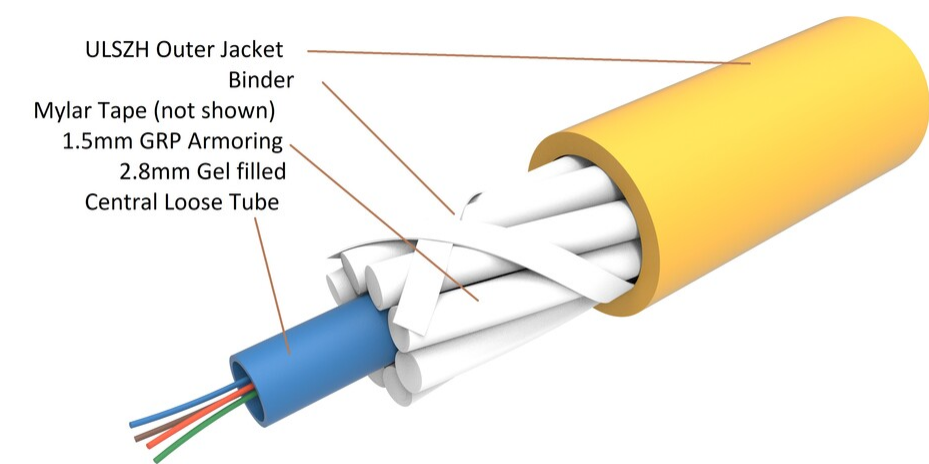
General Specifications

Armor Type	Non-metallic rods
Cable Type	Central loose tube
Construction Type	All Dielectric Armored
Subunit Type	Gel-filled
Filler, quantity	1
Jacket Color	Yellow
Jacket Marking	Meters
Subunit, quantity	1
Fibers per Subunit, quantity	8
Total Fiber Count	8

Dimensions

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

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	230 mm 9.055 in
Minimum Bend Radius, unloaded	175 mm 6.89 in
Tensile Load, long term, maximum	750 N 168.607 lbf
Tensile Load, short term, maximum	2000 N 449.618 lbf
Compression	20 N/mm 114.203 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

Optical Specifications

Fiber Type	OS2
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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)
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Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
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	60 kg/km 40.318 lb/kft
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Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable