

Fiber indoor/outdoor cable, LightScope® ZWP, gel-filled, loose tube, 12 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Yellow jacket color, Eca flame rating

**OBSOLETE**  
This product was discontinued on: March 31, 2023

Product Classification

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

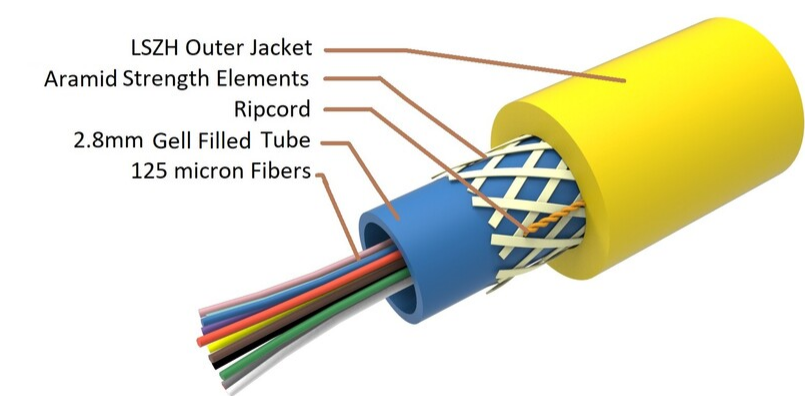
General Specifications

Cable Type	Loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Yellow
Jacket Marking	Meters
Subunit, quantity	1
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Cable Length	2000 m   6,561.68 ft
Buffer Tube/Subunit Diameter	2.8 mm   0.11 in
Diameter Over Jacket	6.4 mm   0.252 in

Representative Image



## Mechanical Specifications

Minimum Bend Radius, loaded	140 mm   5.512 in
Minimum Bend Radius, unloaded	130 mm   5.118 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	500 N   112.405 lbf
Compression	20 N/mm   114.203 lb/in
Compression Test Method	IEC 60794-1-2 E3
Impact	2 N-m   17.701 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
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## Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)

Storage Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Environmental Test Specifications

Temperature Cycle	-10 °C to +60 °C (+14 °F to +140 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	31 kg/km   20.831 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