810009852/DB | C-006-CN-8W-M06NS/28D/YL /D

Fiber indoor/outdoor cable, LightScope® ZWP, dry loose tube, 6 fiber, Singlemode G.652.D and G.657.A1, Gel-free, Yellow jacket color, Dca 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-CN

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Meters
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Cable Length	2000 m	6,561.68 ft
Diameter Over Jacket	6.4 mm	0.252 in

Representative Image

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LSZH Outer Jacket
Aramid Strength Elements
Ripcord
2.8mm Dry Buffer Tube
125 micron Fibers
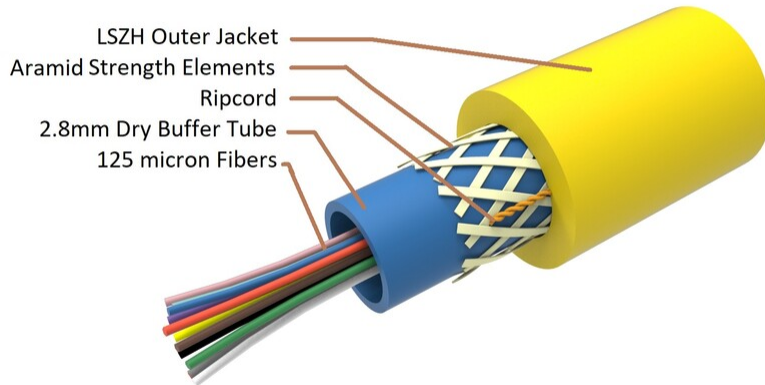
Mechanical Specifications

Minimum Bend Radius, loaded	139.7 mm | 5.5 in
Minimum Bend Radius, unloaded	129.5 mm | 5.098 in
Tensile Load, long term, maximum	400 N | 89.924 lbf
Tensile Load, short term, maximum	500 N | 112.405 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	-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	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2

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EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight	31 kg/km	20.831 lb/kft

Included Products

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

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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