810009855/DB | C-012-CN-8W-M12YL/28D/AY/D



Fiber Indoor/Outdoor Cable, LightScope® ZWP, 12-fiber, Singlemode G. 652.D and G.657.A1, dry loose tube, gel-free, yellow jacket color, Dca Flame Rating, Meters jacket marking

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	12
Total Fiber Count	12
Dimensions	
Cable Length	2000 m 6,561.68 ft
Diameter Over Jacket	6.4 mm 0.252 in

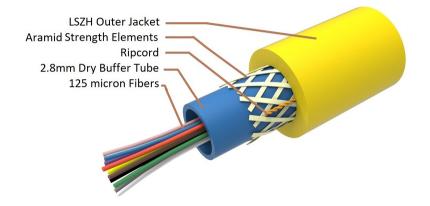
Representative Image

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Mechanical Specifications

Minimum Bend Radius, Ioaded	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	0.25 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	al
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 – LightScope® ZWP Singlemode Fiber 8W-250um

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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