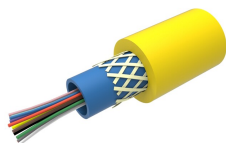


# 2-599156-4 | C-012-CN-8W-M12YL/28D/AY/D



Fiber Indoor/Outdoor Cable, 12-fiber, singlemode G.652.D and G.657.A1, Gel-free, yellow jacket color, Dca Flame Rating, Meters jacket marking, 2000 meters

## Product Classification

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

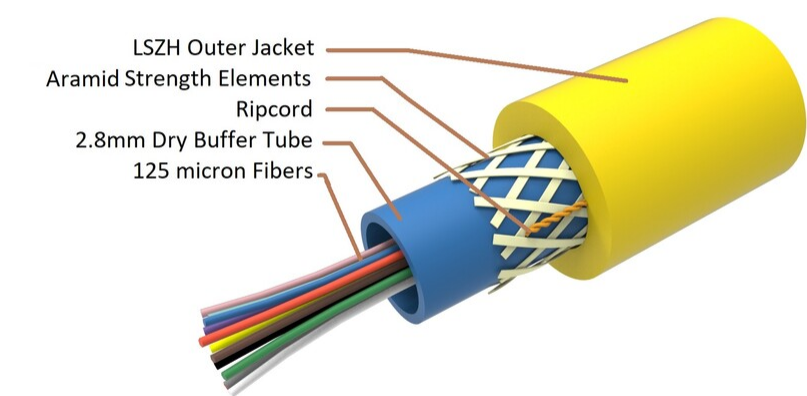
## General Specifications

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



## 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   112.404 lbf

## Optical Specifications

Fiber Type	G.652.D and G.657.A1
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## 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

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
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Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



Included Products

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

\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable