



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

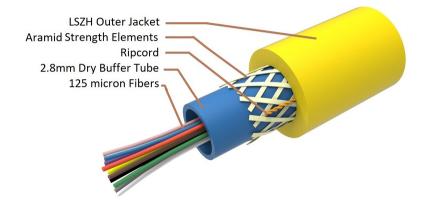
### Representative Image

Page 1 of 3

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 1, 2025



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



## 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

Page 2 of 3

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 1, 2025



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

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 – LightScope® ZWP Singlemode Fiber 8W-250um	

#### \* Footnotes

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

Page 3 of 3

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 1, 2025

