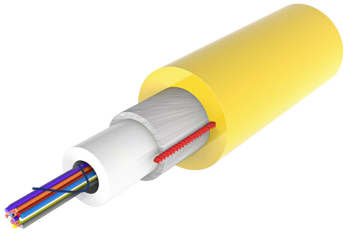# 4-599615-4 | C-006-CN-8W-M06YL/28D/GY/D

Fiber Optic Cable, 6-fiber, OS2, loose tube, dry, 4000 m, yellow. Provides Rodent Resistance.

<div style="color:red; border:1px solid red;">

OBSOLETE

This product was discontinued on: March 31, 2023

</div>

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	4000 m	13,123.36 ft
Diameter Over Jacket	6.4 mm	0.252 in

Representative Image

COMMSCOPE®

4-599615-4 | C-006-CN-8W-M06YL/28D/GY/D

LSZH Outer Jacket
E-Glass Strength Elements
Ripcord
Buffer Tube
Binder Identification Threads
250 um Optical Fibres
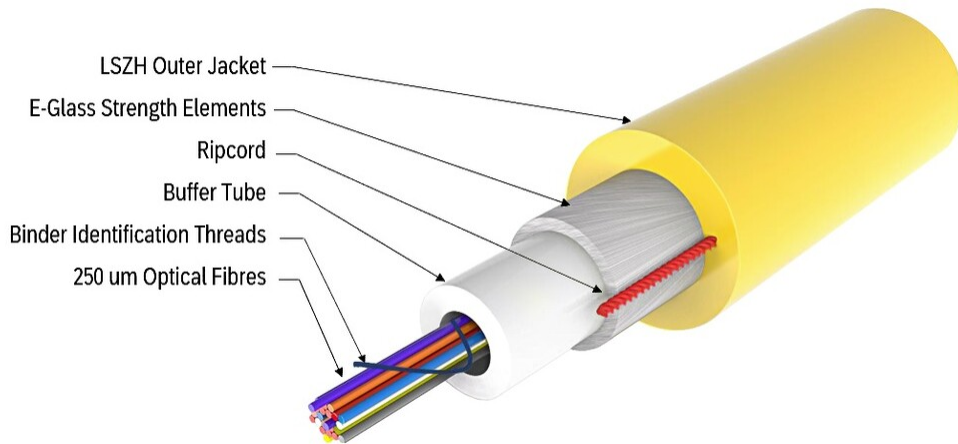
Mechanical Specifications

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	650 N	146.126 lbf
Tensile Load, short term, maximum	1250 N	281.011 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 +70 °C (+14 °F to +158 °F)
Storage Temperature	-10 °C to +70 °C (+14 °F to +158 °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)

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Packaging and Weights

Cable weight   47 kg/km | 31.583 lb/kft

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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

CS-8W-LT   –   TeraSPEED® G652D/G657A1 Singlemode
                     Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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