# 760254738 | C-006-CN-8W-M06BK/28D/GY/D



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 6-fiber, Singlemode OS2, Gel-free, black. Provides Rodent Resistance.

### 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	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760254738 INT/EXT RODENT RESISTANT DLT 6X9/125 OS2 EN50575 CLASS D (Serial NUMBER) (METRE MARK)
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

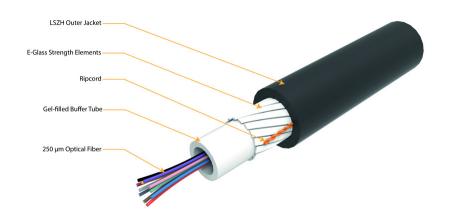
#### Representative Image

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### 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

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#### EN50575 CPR Cable EuroClass Acidity Rating

**Environmental Space** 

a1

Low Smoke Zero Halogen (LSZH)

# Packaging and Weights

Cable weight

47 kg/km | 31.583 lb/kft

### Regulatory Compliance/Certifications

Agency	Classification
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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