760254739 | C-008-CN-8W-M08BK/28D/GY/D

Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 8-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
Fibers per Subunit, quantity	8
Jacket Color	Black
Jacket Marking	Meters
Subunit Type	Gel-free
Total Fiber Count	4

Dimensions

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

Representative Image

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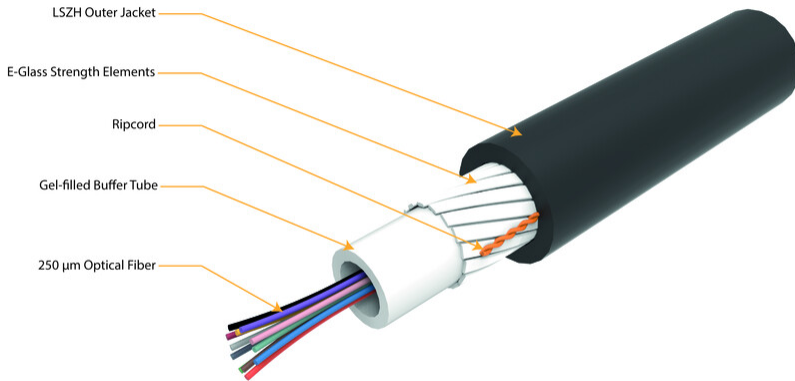
Mechanical Specifications

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	G.652.D and G.657.A1, TeraSPEED®	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

Operating Temperature	-20 °C to +70 °C (-4 °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

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Environmental Space   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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