



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 24-fiber, Singlemode OS2, Gel-filled, black. Provides Rodent Resistance.

- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength

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

Construction Type Non-armored

Subunit Type Gel-filled

Jacket Color Black

Jacket Marking Meters

Jacket Marking Method Inkjet

Jacket Marking Text COMMSCOPE GB OPTICAL CABLE 760254747 INT /EXT RODENT RESIST GLT 24X9 /125 OS2 EN50575 CLASS D (Serial NUMBER) (METRE MARK)

Fibers per Subunit, quantity 1

Total Fiber Count 24

Dimensions

Cable Length 2000 m | 6,561.68 ft

Buffer Tube/Subunit Diameter 4 mm | 0.157 in

Diameter Over Jacket 8 mm | 0.315 in

Mechanical Specifications

Minimum Bend Radius, loaded 160 mm | 6.299 in

Minimum Bend Radius, unloaded 110 mm | 4.331 in

Tensile Load, long term, maximum	650 N 146.126 lbf
Tensile Load, short term, maximum	1300 N 292.252 lbf
Compression	30 N/mm 171.304 lb/in
Compression Test Method	IEC 60794-1-2 E3
Impact	20 N·m 177.015 in lb
Impact Test Method	IEC 60794-1 E4

Optical Specifications

Fiber Type	OS2
-------------------	-----

Optical Specifications, Wavelength Specific

Standards Compliance	IEC 60794-1 TIA-492CAAB (OS2)
-----------------------------	---------------------------------

Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature	-30 °C to +70 °C (-22 °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	Low Smoke Zero Halogen (LSZH)
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle	-30 °C to +70 °C (-22 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	74 kg/km 49.726 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-250-EMEA 8W-250um	- Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber
----------------------------	---

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable