



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 8-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
Subunit Type	Gel-filled
Filler, quantity	1
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB OPTICAL CABLE 760254740 INT/EXT RODENT RESISTANT GLT 8X9/125 OS2 (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	8
Total Fiber Count	8

Dimensions

Cable Length	2000 m 6,561.68 ft
Diameter Over Jacket	6.4 mm 0.252 in

Mechanical Specifications

Minimum Bend Radius, loaded	129.5 mm 5.098 in
Minimum Bend Radius, unloaded	80 mm 3.15 in
Tensile Load, long term, maximum	650 N 146.126 lbf

760254740 | C-008-CN-8W-M08BK/28G/GY/E

Tensile Load, short term, maximum1250 N | 281.011 lbf

Optical Specifications

Fiber TypeOS2

Optical Specifications, Wavelength Specific

Attenuation, maximum0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

Standards ComplianceIEC 60794-1 | TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature-5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature-20 °C to +70 °C (-4 °F to +158 °F)

Storage Temperature-20 °C to +70 °C (-4 °F to +158 °F)

EN50575 CPR Cable EuroClass Fire PerformanceEca

Environmental SpaceLow Smoke Zero Halogen (LSZH)

Packaging and Weights

Cable weight48 kg/km | 32.255 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