



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube, GRP Armoured Fiber Optic Cable, 8-fiber, Singlemode OS2, Gel-free, black. Provides Rodent Resistance.

Product Classification

Regional Availability	Australia/New Zealand EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-CA

General Specifications

Armor Type	Non-metallic rods
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 760254724 EXT GRP ARMOUR 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	9 mm 0.354 in

Mechanical Specifications

Minimum Bend Radius, loaded	228.6 mm 9 in
Minimum Bend Radius, unloaded	175.3 mm 6.902 in
Tensile Load, long term, maximum	750 N 168.607 lbf
Tensile Load, short term, maximum	2002 N 450.068 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 -20 °C to +70 °C (-4 °F to +158 °F)

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

Environmental Space Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Cable weight 94 kg/km | 63.165 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