



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)
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)

Packaging and Weights

Cable weight	72 kg/km   48.382 lb/kft
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Included Products

CS-8W-250-EMEA – LightScope® ZWP Singlemode Fiber  
8W-250um

\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable