



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube, GRP Armoured Fiber Optic Cable, 12-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 760254725 EXT GRP ARMOUR 12X9 /125 OS2 (Serial number) (metre mark)
Fibers per Subunit, quantity	12
Total Fiber Count	12

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	3000 N 674.427 lbf
Cable Crush Resistance, maximum	30 N/mm 171.304 lb/in

760254725 | C-012-CA-8W-M12BK/28G/GRP/D

Compression Test Method IEC 60794-1-2 E3

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

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)

Environmental Test Specifications

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

Temperature Cycle Test Method IEC 60794-1-2 F1

Packaging and Weights

Cable weight 94 kg/km | 63.165 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 – LightScope ZWP® Singlemode Fiber
250um

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable