760254724 | C-008-CA-8W-M08BK/28G/GRP/D



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

Product Classification

Tensile Load, short term, maximum

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	

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2002 N | 450.068 lbf



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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

Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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