760254745 | C-006-CN-8W-M06BK/28G/GY/E



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 6-fiber, Singlemode OS2, Gel-filled, black. Provides Rodent Resistance.

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 760254745 INT/EXT RODENT RESIST GLT 6X9/125 OS2 (Serial NUMBER) (METRE MARK)	
Fibers per Subunit, quantity	6	
Total Fiber Count	6	
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	
Tensile Load, short term, maximum	1250 N 281.011 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)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Low Smoke Zero Halogen (LSZH)
Packaging and Weights	
Cable weight	48 kg/km 32.255 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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