# 760254803 | C-008-DS-8W-MSUBK/GY/C



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Tight Buffered Office DistributionFiber Fiber Optic Cable, 8 fiber, Singlemode OS1a, black. Provides Rodent Resistance.

- designed to offer flexibility, strength and compact construction for internal and interbuilding use
- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength
- oversheathed with a ULSZH jacket meeting IEC fire performance requirements

#### Product Classification

Regional Availability	Asia   EMEA	
Portfolio	CommScope®	
Product Type	Fiber indoor/outdoor cable	
Product Series	C-DS	
General Specifications		
Cable Type	Tight buffer	
Jacket Color	Black	
Jacket Marking	Meters	
Jacket Marking Method	Inkjet	
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760254803 8X9/125 OS2 EN50575 CLASS C ULSZH (Serial no) (metre mark)	
Strength Members	E-glass yarns	
Fibers per Subunit, quantity	8	
Total Fiber Count	8	
Dimensions		
Diameter Over Jacket	6.4 mm   0.252 in	

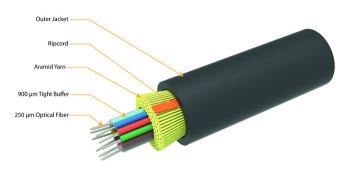
Representative Image

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### Mechanical Specifications

Minimum Bend Radius, loaded	150 mm   5.906 in	
Minimum Bend Radius, unloaded	90 mm   3.543 in	
Tensile Load, short term, maximum	1500 N   337.214 lbf	
Cable Crush Resistance, maximum	20 N/mm   114.203 lb/in	
Optical Specifications		
Fiber Type	0S2	
Optical Specifications, Wavelength Specific		
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 +60 °C (-4 °F to +140 °F)	
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
EN50575 CPR Cable EuroClass Fire Performance	Сса	
EN50575 CPR Cable EuroClass Smoke Rating	s2	
EN50575 CPR Cable EuroClass Droplets Rating	d1	
EN50575 CPR Cable EuroClass Acidity Rating	a1	
Environmental Space	Low Smoke Zero Halogen (LSZH)	

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**COMMSCOPE**°

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#### Packaging and Weights

Cable weight

49 kg/km | 32.926 lb/kft

### \* Footnotes

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

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