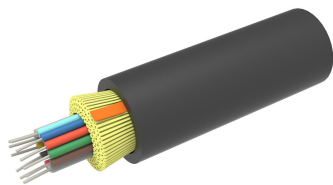# 810010235/DB | C-012-DS-8W-MSUBK/GY/C

Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Tight Buffered Office DistributionFiber Fiber Optic Cable, 12 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 760254801 12 X 9/125 OS2 ULSZH (BATCH NUMBER) (METRE MARK)
Strength Members	E-glass yarns
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Diameter Over Jacket	8 mm	0.315 in

Representative Image

COMMSCOPE®

810010235/DB | C-012-DS-8W-MSUBK/GY/C
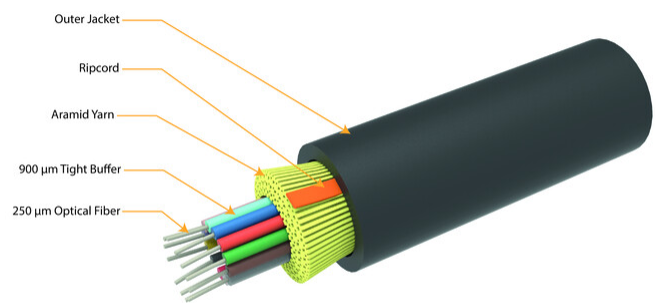
Mechanical Specifications

Minimum Bend Radius, loaded	200 mm	7.874 in
Minimum Bend Radius, unloaded	120 mm	4.724 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	OS2

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	Cca
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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Packaging and Weights

Cable weight   69 kg/km | 46.366 lb/kft

Included Products

CS-8W-TB   –   TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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