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 AvailabilityAsia | EMEAPortfolioCommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-DS

General Specifications

Cable TypeTight buffer

Jacket ColorBlackJacket MarkingMetersJacket Marking MethodInkjet

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

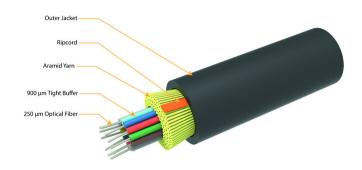
Dimensions

Diameter Over Jacket 6.4 mm | 0.252 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded150 mm | 5.906 inMinimum Bend Radius, unloaded90 mm | 3.543 inTensile Load, short term, maximum1500 N | 337.214 lbfCable Crush Resistance, maximum20 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 $-5 \,^{\circ}\text{C}$ to $+50 \,^{\circ}\text{C}$ (+23 $^{\circ}\text{F}$ to +122 $^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

Storage Temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

EN50575 CPR Cable EuroClass Fire PerformanceCcaEN50575 CPR Cable EuroClass Smoke Ratings2EN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH)



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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

