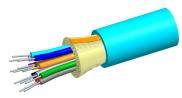
8-1592141-9 | C-006-DS-5L-M06AQ/GY/C



Indoor/outdoor Fiber Optic Cable, 6-fiber, office distribution, multimode, OM3, ULSZH, agua. 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 Type Tight buffer

Jacket ColorAquaJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking Text COMMSCOPE GB OPTICAL CABLE 8-1592141-9 6x50/125 OM3 EN50575

CLASS C ULSZH [Serial NUMBER] [METRE MARK]

Strength Members E-glass yarns

Fibers per Subunit, quantity 6

Total Fiber Count 6

Dimensions

Diameter Over Jacket 6.4 mm | 0.252 in

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

COMMSCOPE®

8-1592141-9 | C-006-DS-5L-M06AQ/GY/C

Fiber Type OM3

Optical Specifications, Wavelength Specific

Standards Compliance IEC 60794-1 | TIA-492AAAC (OM3)

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 Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight 46 kg/km | 30.911 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

CENELEC

Included Products

CS-5L-TB – LazrSPEED® 300 OM3 Bend-Insensitive Multimode

Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

