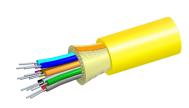
1594679-6 | C-008-DS-8W-MSUYL/GY/C



Indoor/outdoor Fiber Optic Cable, 8-fiber, office distribution, singlemode, ULSZH, yellow. 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 ColorYellowJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking Text COMMSCOPE GB OPTICAL CABLE 1594679-6 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

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

Page 1 of 2



1594679-6 | C-008-DS-8W-MSUYL/GY/C

Optical Specifications

Fiber Type OS1a

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 Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight 49 kg/km | 32.926 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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

CHINA-ROHS Below maximum concentration value

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

