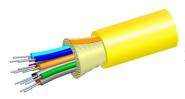
810009881/DB | C-006-DS-8W-MSUYL/GY/C



Fiber indoor/outdoor cable, LightScope ZWP®, 6 fiber, office distribution, Singlemode G.652.D and G.657.A1, ULSZH, Yellow jacket color, Cca flame rating. 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

OBSOLETE

This product was discontinued on: March 31, 2023

Product Classification

Regional AvailabilityAsia | EMEAPortfolioCommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-DS

General Specifications

Cable TypeTight bufferJacket ColorYellowJacket MarkingMeters

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, loaded150 mm5.906 inMinimum Bend Radius, unloaded90 mm3.543 inTensile Load, short term, maximum1500 N337.214 lbf



810009881/DB | C-006-DS-8W-MSUYL/GY/C

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 $-5 \,^{\circ}\text{C}$ 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

CHINA-ROHS Below maximum concentration value

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

ROHS Compliant UK-ROHS Compliant



Included Products

DB-8W-TB – LightScope ZWP® Singlemode

* Footnotes



810009881/DB | C-006-DS-8W-MSUYL/GY/C

Operating Temperature Specification applicable to non-terminated bulk fiber cable