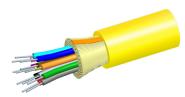
4-1594937-6 | C-024-DS-8G-MSUYL/GY/C



Fiber Indoor/outdoor Cable, 24-fiber, office distribution, ULSZH, Gel-free, Singlemode G.657.A2, Meters jacket marking, 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

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 ColorYellowJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking Text COMMSCOPE GB OPTICAL CABLE 4-1594937-6 24x9/125 G657A2

EN50575 CLASS C ULSZH [Serial NUMBER] [METRE MARK]

Strength Members E-glass yarns

Total Fiber Count 24

Dimensions

Diameter Over Jacket 9.5 mm | 0.374 in

Mechanical Specifications

Minimum Bend Radius, loaded240 mm | 9.449 inMinimum Bend Radius, unloaded150 mm | 5.906 inTensile Load, short term, maximum2000 N | 449.618 lbfCable Crush Resistance, maximum20 N/mm | 114.203 lb/in

Optical Specifications

COMMSC PE°

4-1594937-6 | C-024-DS-8G-MSUYL/GY/C

Fiber Type G.657.A2 | G.657.A2/B2

Optical Specifications, Wavelength Specific

Standards Compliance IEC 60794-1

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 92 kg/km | 61.821 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

CS-8G-TB – Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

