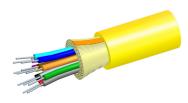
1594680-6 | C-012-DS-8W-MSUYL/GY/C



Indoor/outdoor Fiber Optic Cable, 12-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

OBSOLETE

This product was discontinued on: March 31, 2023

Replaced By:

760254801 Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Tight Buffered Office DistributionFiber C-012-DS-8W-MSUBK/GY/C Fiber Optic Cable, 12 fiber, Singlemode OS1a, black. Provides Rodent Resistance.

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 12

Total Fiber Count 12

Dimensions

Diameter Over Jacket 8 mm | 0.315 in

Mechanical Specifications

Minimum Bend Radius, loaded200 mm7.874 inMinimum Bend Radius, unloaded120 mm4.724 in

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Tensile Load, short term, maximum 1500 N | 337.214 lbf

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

Storage Temperature -20 °C to +60 °C (-4 °F to +140 °F)

EN50575 CPR Cable EuroClass Fire Performance Cca

EN50575 CPR Cable EuroClass Smoke Rating s2

EN50575 CPR Cable EuroClass Droplets Rating d1

EN50575 CPR Cable EuroClass Acidity Rating a1

Environmental Space Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight 69 kg/km | 46.366 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



Included Products

CS-8W-250-EMEA – LightScope® ZWP Singlemode Fiber 8W-250um



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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable