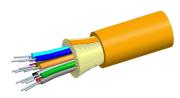
9-1594455-1 | C-024-DS-5K-MSUOR/GY/C



Indoor/outdoor Fiber Optic Cable, 24-fiber, office distribution, multimode, OM4, ULSZH, orange. 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 TypeTight buffer

Jacket ColorOrangeJacket MarkingMetersJacket Marking MethodInkjet

Jacket Marking Text COMMSCOPE GB OPTICAL FIBER CABLE 9-1594455-1 24 X 50/125 OM4

BIMMF EN50575 CLASS C ULSZH [Serial number] [metre mark]

Strength Members E-glass yarns

Fibers per Subunit, quantity 12

Total Fiber Count 24

Dimensions

Diameter Over Jacket 9.5 mm | 0.374 in

Mechanical Specifications

Minimum Bend Radius, loaded150 mm | 5.906 inMinimum Bend Radius, unloaded90 mm | 3.543 inTensile Load, long term, maximum650 N | 146.126 lbfTensile Load, short term, maximum2000 N | 449.618 lbfCable Crush Resistance, maximum20 N/mm | 114.203 lb/in

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Optical Specifications

Fiber Type OM4, LazrSPEED®

Optical Specifications, Wavelength Specific

Standards Compliance IEC 60794-1 | TIA-492AAAD (OM4)

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

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-5K-LT – LazrSPEED® 550 OM4 Bend-Insensitive Multimode

Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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