



Indoor/outdoor Fiber Optic Cable, 12-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 Availability | Asia EMEA |
| Portfolio | CommScope® |
| Product Type | Fiber indoor/outdoor cable |
| Product Series | C-DS |

General Specifications

| | |
|-------------------------------------|---|
| Cable Type | Tight buffer |
| Jacket Color | Orange |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMSCOPE GB OPTICAL CABLE 9-1592145-1 12x50/125 OM4 EN50575 CLASS C ULSZH [Serial NUMBER] [METRE MARK] |
| 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, 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 |

Optical Specifications

9-1592145-1 | C-012-DS-5K-MSUOR/GY/C

Fiber Type OM4, LazrSPEED®

Optical Specifications, Wavelength Specific

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

Environmental Specifications

Installation temperature -5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature -20 °C to +60 °C (-4 °F to +140 °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-5K-LT – LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable