



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 Color          | Yellow  |
| Jacket Marking        | Meters  |
| Jacket Marking Method | Inkjet  |
| 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, loaded       | 240 mm   9.449 in       |
| Minimum Bend Radius, unloaded     | 150 mm   5.906 in       |
| Tensile Load, short term, maximum | 2000 N   449.618 lbf    |
| Cable Crush Resistance, maximum   | 20 N/mm   114.203 lb/in |

## Optical Specifications

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

Optical Specifications, Wavelength Specific

Standards ComplianceIEC 60794-1

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 weight92 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 <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| 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