



Fiber indoor/outdoor cable, LSZH, Gel-filled Central Tube, CST, 8 fiber, Multimode OM5, Meters jacket marking, Black jacket color

## Product Classification

|                              |                              |
|------------------------------|------------------------------|
| <b>Regional Availability</b> | Asia   Australia/New Zealand |
| <b>Portfolio</b>             | CommScope®                   |
| <b>Product Type</b>          | Fiber indoor/outdoor cable   |
| <b>Product Series</b>        | C-CA                         |

## General Specifications

|                                     |                    |
|-------------------------------------|--------------------|
| <b>Cable Type</b>                   | Central loose tube |
| <b>Construction Type</b>            | Armored            |
| <b>Subunit Type</b>                 | Gel-filled         |
| <b>Jacket Color</b>                 | Black              |
| <b>Jacket Marking</b>               | Meters             |
| <b>Fibers per Subunit, quantity</b> | 8                  |
| <b>Total Fiber Count</b>            | 8                  |

## Dimensions

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Buffer Tube/Subunit Diameter</b> | 2.8 mm   0.11 in  |
| <b>Diameter Over Jacket</b>         | 8.7 mm   0.343 in |

## Mechanical Specifications

|  |                        |
|--|------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 174 mm   6.85 in       |
| <b>Minimum Bend Radius, unloaded</b>     | 87 mm   3.425 in       |
| <b>Tensile Load, long term, maximum</b>  | 800 N   179.847 lbf    |
| <b>Tensile Load, short term, maximum</b> | 1500 N   337.214 lbf   |
| <b>Compression</b>                       | 15 N/mm   85.652 lb/in |
| <b>Compression Test Method</b>           | IEC 60794-1-2 E3       |

**Strain** See long and short term tensile loads

**Strain Test Method** IEC 60794-1-2-E1

## Optical Specifications

**Fiber Type** OM5

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

## Environmental Specifications

**Installation temperature** -10 °C to +60 °C (+14 °F to +140 °F)

**Operating Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Environmental Space** Buried | Ducted | Indoor/Outdoor

**Flame Test Method** IEC 60332-1 | IEC 60332-3-24

**Water Penetration** 24 h

**Water Penetration Test Method** IEC 60794-1 F5B

## Environmental Test Specifications

**Temperature Cycle** -40 °C to +70 °C (-40 °F to +158 °F)

**Temperature Cycle Test Method** IEC 60794-1-2 F1

## Packaging and Weights

**Cable weight** 95 kg/km | 63.837 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   |



## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable