



Fiber indoor/outdoor cable LSZH, Gel-filled Central Tube, CST, 8 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

## Product Classification

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

## General Specifications

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

## Dimensions

Buffer Tube/Subunit Diameter	2.8 mm   0.11 in
Diameter Over Jacket	8.7 mm   0.343 in

## Mechanical Specifications

Minimum Bend Radius, loaded	174 mm   6.85 in
Minimum Bend Radius, unloaded	87 mm   3.425 in
Tensile Load, long term, maximum	800 N   179.847 lbf
Tensile Load, short term, maximum	1500 N   337.214 lbf
Compression	15 N/mm   85.652 lb/in
Compression Test Method	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** G.652.D and G.657.A1 | OS2

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.22 dB/km @ 1,550 nm | 0.36 dB/km @ 1,310 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 | 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