



Fiber indoor/outdoor cable, LSZH, Gel-filled Central Tube, CST, 6 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>	6
<b>Total Fiber Count</b>	6

## 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

# 760257840 | C-006-CA-5C-M06BK/28G/093

**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

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