



Fiber indoor/outdoor cable, LSZH, Gel-filled Central Tube, CST, 8 fiber, Multimode OM5, 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 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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable