



Fiber Optic Cable, Armored LSZH, OM3, loose tube, gel-filled

Product Classification

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

General Specifications

Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Hot foil
Jacket Marking Text	COMMScope GB SYSTEM F.O. CABLE X-599686-3 CSA GEL LOOSE TUBE 6X50/125 OM3 ULSZH (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	6
Total Fiber Count	6

Dimensions

Diameter Over Jacket	10 mm   0.394 in
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Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)
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Mechanical Specifications

Minimum Bend Radius, loaded	200.7 mm   7.902 in
Minimum Bend Radius, unloaded	160 mm   6.299 in
Tensile Load, long term, maximum	625 N   140.506 lbf

# 2-599686-3 | C-006-CA-5L-M06BK/28G/GY

**Tensile Load, short term, maximum** 1200 N | 269.771 lbf

## Optical Specifications

**Fiber Type** OM3, LazrSPEED®

## Optical Specifications, Wavelength Specific

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

**Standards Compliance** TIA-492AAAD (OM4)

## Environmental Specifications

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

## Packaging and Weights

**Cable weight** 102 kg/km | 68.541 lb/kft

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

- CS-5L-LT – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

## \* Footnotes

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