



Fiber Optic Cable, Armored LSZH, OM4, loose tube, gel-filled

Product Classification

Regional Availability	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	Inkjet
Jacket Marking Text	COMMScope GB SYSTEM F.O. CABLE X-599686-2 CSA GEL LOOSE TUBE 6X50/125 OM4 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

2-599686-2 | C-006-CA-5K-M06BK/28G/GY

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

Optical Specifications

Fiber Type OM4, 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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

- CS-5K-LT – LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable