



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
-----------------------------	------------------

Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)
------------------------	-------------------------------

Mechanical Specifications

Minimum Bend Radius, loaded	200.7 mm 7.902 in
------------------------------------	---------------------

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

Minimum Bend Radius, unloaded	160 mm 6.299 in
Tensile Load, long term, maximum	625 N 140.506 lbf
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 www.commscope.com/ProductCompliance
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
------------------------------	---