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



Product Classification

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

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	
Material Specifications		
Jacket Material	Low Smoke Zero Halogen (LSZH)	
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	

Page 1 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: September 20, 2024



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		



Included Products

_

CS-5K-LT

LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Compliant

Page 2 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: September 20, 2024

