760257841 | C-008-CA-5C-M08BK/28G/093



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

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Strain		See long and short term tensile loads	
Strain Test Method IEC 60794-1-2-E1		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 Penentration 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			
CHINA-ROHS	Below maximum concentration value		
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance		
ROHS	Compliant		
UK-ROHS	Compliant		



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Operating Temperature Specification applicable to non-terminated bulk fiber cable

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