760249701 | 0-006-CA-8Z-M06BK/28G/093



Fiber OSP cable, PE, Gel-filled Central Tube, CST, 6 fiber, Singlemode G. 657.A1, Meters jacket marking, Black jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-CA
General Specifications	
Cable Type	Central loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Feet
Fibers per Subunit, quantity	6
Total Fiber Count	6
Dimensions	
Buffer Tube/Subunit Diameter	2.8 mm 0.11 in
Diameter Over Jacket	9.1 mm 0.358 in
Mechanical Specifications	
Minimum Bend Radius, loaded	182 mm 7.165 in
Minimum Bend Radius, unloaded	91 mm 3.583 in
Tensile Load, long term, maximum	890 N 200.08 lbf
Tensile Load, short term, maximum	2700 N 606.984 lbf
Compression	20 N/mm 114.203 lb/in
Compression Test Method	IEC 60794-1-2 E3

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Flex		25 cycles	
Strain		See long and short term tensile loads	
Strain Test Method		IEC 60794-1-2-E1	
Optical Specifications			
Fiber Type		OS2	
Optical Specifications, Wavelength Specific			
Attenuation, maximum		0.22 dB/km @ 1,550 nm 0.38 dB/km @ 1,310 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 Outdoor	
Water Penetration		24 h	
Water Penetration 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		92 kg/km 61.821 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

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CS-8Z-LT

Low Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

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Operating Temperature Specification applicable to non-terminated bulk fiber cable

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