760252029 | 0-004-CA-8Z-M04BK/28G/093

turnet

Fiber OSP cable, PE, Gel-filled Central Tube, CST, 4 fiber, Singlemode G. 652.D and 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	0-LA
General Specifications	
Cable Type	Central loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	4
Total Fiber Count	4
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
Flex	25 cycles
Strain	See long and short term tensile loads

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Strain Test Method	IEC 60794-1-2-E1	
Optical Specifications		
Fiber Type	G.652.D and G.657.A1 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

CS-8Z-LT

Low Water Peak, Dispersion-Unshifted Singlemode Fiber

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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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