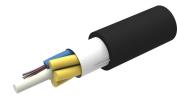
760256138 | C-012-LN-8W-M12BK/15D/B2



Fiber Indoor/outdoor Cable, Low Smoke Zero Halogen / 12 fiber Microsheath,, Gel-free, Singlemode , Meters jacket marking, Black jacket color, B2ca flame rating

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA	
Portfolio	CommScope®	
Product Type	Fiber indoor/outdoor cable	
Product Series	C-LN	
General Specifications		
Cable Type	Stranded microsheath tube	
Subunit Type	Gel-free	
Filler, quantity	4	
Jacket Color	Black	
Jacket Marking	Meters	
Jacket Marking Method	Inkjet	
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760256138 12 x G652D 9/125 EN50575 CLASS B ULSZH [Serial number] [metre mark]	
Subunit, quantity	1	
Fibers per Subunit, quantity	12	
Total Fiber Count	12	
Dimensions		
Cable Length	2000 m 6,561.68 ft	
Buffer Tube/Subunit Diameter	1.5 mm 0.059 in	
Diameter Over Jacket	6.7 mm 0.264 in	
Mechanical Specifications		
Minimum Bend Radius, loaded	150 mm 5.906 in	
Minimum Bend Radius, unloaded	100 mm 3.937 in	
Tensile Load, long term, maximum	150 N 33.721 lbf	

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Tensile Load, short term, maximum	480 N 107.908 lbf	
Cable Crush Resistance, maximum	10 N/mm 57.101 lb/in	
Compression Test Method	IEC 60794-1-21 E3	
Impact	2 N-m 17.701 in lb	
Impact Test Method	IEC 60794-1-21 E4	
Strain Test Method	IEC 60794-1-21 E1	
Twist	5 cycles	
Twist Test Method	IEC 60794-1 E7	
Optical Specifications		
Fiber Type	G.652.D and G.657.A1	
Optical Specifications, Wavelength Specific		
Attenuation, maximum	0.25 dB/km @ 1,550 nm 0.27 dB/km @ 1,625 nm 0.36 dB/km @ 1,310 nm	
Environmental Specifications		
Environmental Specifications Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)	
·	-40 °C to +70 °C (-40 °F to +158 °F) B2ca	
Operating Temperature		
Operating Temperature EN50575 CPR Cable EuroClass Fire Performance	B2ca	

IEC 60794-1 F5

Universal Low Smoke Zero Halogen (ULSZH)

Water Penetration Test Method

Environmental Test Specifications	
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-22 F1
Packaging and Weights	
Cable weight	48.8 kg/km 32.792 lb/kft

Included Products

Environmental Space

CS-8W-LT

 TeraSPEED® G652D/G657A1 Singlemode Fiber

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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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