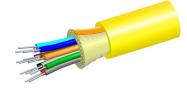
760253613 C-024-DS-8Z-MSUYL/093/B1



Fiber Indoor/Outdoor cable, Low Smoke Zero Halogen, Distribution, Gel-Free, 24 fiber single-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

OBSOLETE

This product was discontinued on: June 19, 2023

Product Classification

Regional Availability	China	
Portfolio	CommScope®	
Product Type	Fiber indoor/outdoor cable	
Product Series	C-DS	
Country Specific for	China	
General Specifications		
Cable Type	Tight buffer	
Subunit Type	Gel-free	
Jacket Color	Yellow	
Jacket Marking	Meters	
Strength Members	E-glass yarns	
Total Fiber Count	24	
Dimensions		
Buffer Tube/Subunit Diameter	0.9 mm 0.035 in	
Diameter Over Jacket	8.8 mm 0.346 in	
Mechanical Specifications		
Minimum Bend Radius, loaded	176 mm 6.929 in	
Minimum Bend Radius, unloaded	88 mm 3.465 in	
Tensile Load, long and short term	See Sag and Tension tables in Product Documentation section	
Tensile Load, long term, maximum	396 N 89.024 lbf	
Tensile Load, short term, maximum	1320 N 296.748 lbf	

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Compression	10 N/mm 57.101 lb/in	
Compression Test Method	IEC 60794-1-2 E3	
Strain	See long and short term tensile loads	
Strain Test Method	IEC 60794-1-2-E1	
Optical Specifications		
Fiber Type	G.657.A1	
Optical Specifications, Wavelength Specific		
Attenuation, maximum	0.3 dB/km @ 1,550 nm 0.3 dB/km @ 1,625 nm 0.40 dB/km @ 1,310 nm	

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	Telcordia GR-409
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Listing	B1
Flame Test Method	GB/T 31247

Environmental Test Specifications

Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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