760256190 | P-128-MZ-8G1-F16YL



Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 128 fiber multi-unit with 16 fiber subunits, Gel-free, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America Middle East /Africa North America	
Portfolio	CommScope®	
Product Type	Fiber indoor cable	
Product Series	P-MZ	
General Specifications		
Armor Type	Interlocking aluminum	
Cable Type	MPO trunk cable	
Construction Type	Armored	
Fiber Type, quantity	128	
Fibers per Subunit, quantity	16	
Jacket Color	Yellow	
Jacket Marking	Feet	
Subunit Type	Gel-free	
Subunit, quantity	8	
Total Fiber Count	128	
Dimensions		
Buffer Tube/Subunit Diameter	3 mm 0.118 in	
Diameter Over Armor	18.42 mm 0.725 in	
Diameter Over Jacket	20.4 mm 0.803 in	

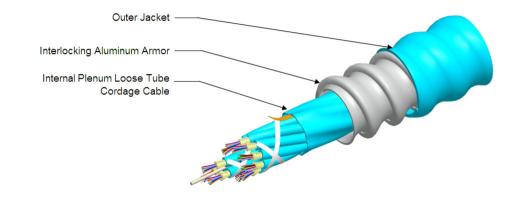
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	307 mm 12.087 in
Minimum Bend Radius, unloaded	204 mm 8.032 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1335 N 300.12 lbf
Compression	85 N/mm 485.363 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	35 N-m 309.776 in lb
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7
Vertical Rise, maximum	111 m 364.173 ft
Optical Specifications	

Fiber Type

G.657.A2/B2

Environmental Specifications

Installation temperature

0 °C to +70 °C (+32 °F to +158 °F)

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Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFCP (ETL) and c(ETL)
Flame Test Method	NFPA 130 NFPA 262

Environmental Test Specifications

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1
Dackaging and Mojepte	

Packaging and Weights

369 kg/km | 247.957 lb/kft

Included Products

CS-8G1-MP

Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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