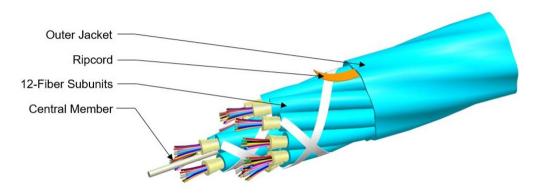
# P-072-MP-8G-F24

Fiber indoor cable, Plenum MPO Trunk, 72 fiber multi-unit with 12 fiber subunits, Singlemode G. 657.A2/B2, Feet jacket marking

#### 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-MP
General Specifications	
Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Marking	Feet
Subunit, quantity	3
Fibers per Subunit, quantity	24
Total Fiber Count	72
Dimensions	
Buffer Tube/Subunit Diameter	3.6 mm   0.142 in
Diameter Over Jacket	9.42 mm   0.371 in

### Representative Image



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# P-072-MP-8G-F24

### Mechanical Specifications

Minimum Bend Radius, loaded	141 mm   5.551 in
Minimum Bend Radius, unloaded	94 mm   3.701 in
Tensile Load, long term, maximum	334 N   75.086 lbf
Tensile Load, short term, maximum	1112 N   249.988 lbf
Compression	10 N/mm   57.101 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	0.74 N-m   6.55 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	451 m   1,479.659 ft
Optical Specifications	
Fiber Type	G.657.A2/B2   G.657.A2/B2

### **Environmental Specifications**

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
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 OFNP (ETL) and c(ETL)
Flame Test Method	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)

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## P-072-MP-8G-F24

Low High Bend Test Met	hod	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
Packaging and $lackspace$	Veights	
Cable weight		75 kg/km   50.398 lb/kft
Regulatory Compliance/Certifications		
Agency	Classification	
ISO 9001:2015	Designed, manufactured and/	or distributed under this quality management system
Included Produc		Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T
* Footnotes		

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

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