# 760163303 | P-072-MZ-5L-F24AQ

Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, Multimode OM3, 72 fiber multi-unit with 24 fiber subunits, gel-free, Feet jacket marking, Aqua jacket color

#### Product Classification

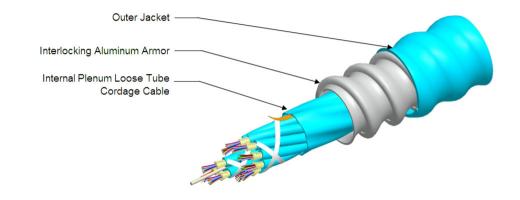
Regional Availability	Asia   Australia/New Zealand   Latin America   Middle East /Africa   North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	P-MZ
General Specifications	
Armor Type	Interlocking aluminum
Cable Type	MPO trunk cable
Construction Type	Armored
Subunit Type	Gel-free
Jacket Color	Aqua
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 Armor	17.15 mm   0.675 in
Diameter Over Jacket	19.18 mm   0.755 in

## Representative Image

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### Mechanical Specifications

Minimum Bend Radius, loaded	384 mm   15.118 in
Minimum Bend Radius, unloaded	268 mm   10.551 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	140 m   459.318 ft
Optical Specifications	
Fiber Type	OM3, LazrSPEED® 300   OM3, LazrSPEED® 300

#### **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

## Packaging and Weights

Cable weight

291 kg/km | 195.543 lb/kft

### Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

### Included Products

CS-5L-MP – LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

### \* Footnotes

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

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