# 760256224 | P-192-MZ-5G-F16LM



Fiber indoor cable, Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 192 fiber multi-unit with 16 fiber subunits, Gel-free, OM5 multi-mode, Feet jacket marking, Lime green 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	192	
Fibers per Subunit, quantity	16	
Jacket Color	Lime green	
Jacket Marking	Feet	
Subunit Type	Gel-free	
Subunit, quantity	12	
Total Fiber Count	192	
Dimensions		
Buffer Tube/Subunit Diameter	3 mm   0.118 in	
Diameter Over Armor	20.96 mm   0.825 in	
Diameter Over Jacket	23 mm   0.906 in	

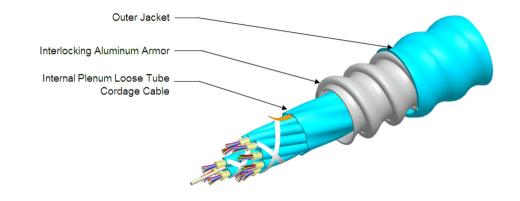
## Representative Image

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### Mechanical Specifications

Minimum Bend Radius, loaded	345 mm   13.583 in
Minimum Bend Radius, unloaded	230 mm   9.055 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	100 m   328.084 ft
Optical Specifications	

Fiber Type

OM5, LazrSPEED® wideband

## 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

407 kg/km | 273.491 lb/kft

### Included Products

CS-5G-MP – LazrSPEED® OM5 WideBand Multimode Fiber

## \* Footnotes

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

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