# 760256043 | P-008-MZ-5G-F08LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 8 fiber, Gel-free, Multimode OM5, 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	
Subunit Type	Gel-free	
Filler, quantity	3	
Jacket Color	Lime green	
Jacket Marking	Feet	
Subunit, quantity	1	
Fibers per Subunit, quantity	8	
Total Fiber Count	8	
Dimensions		
Buffer Tube/Subunit Diameter	2 mm   0.079 in	
Diameter Over Armor	14.61 mm   0.575 in	
Diameter Over Jacket	16.6 mm   0.654 in	

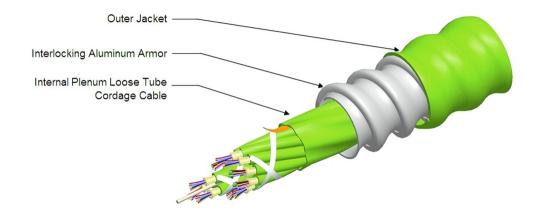
### Representative Image

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#### Mechanical Specifications

Minimum Bend Radius, loaded	250 mm   9.843 in
Minimum Bend Radius, unloaded	166 mm   6.535 in
Tensile Load, long term, maximum	133 N   29.9 lbf
Tensile Load, short term, maximum	445 N   100.04 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	60 m   196.85 ft
Optical Specifications	
Fiber Type	OM5, LazrSPEED® wideband   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

#### 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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