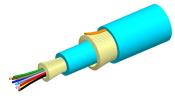
# 760250998 | P-016-MP-5K-F16AQ



Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 16 fiber, Multimode OM5, 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-MP	
General Specifications		
Cable Type	MPO trunk cable	
Construction Type	Non-armored	
Subunit Type	Gel-free	
Jacket Color	Aqua	
Jacket Marking	Feet	
Total Fiber Count	16	
Dimensions		
Buffer Tube/Subunit Diameter	3 mm   0.118 in	
Diameter Over Jacket	4.9 mm   0.193 in	
Mechanical Specifications		
Minimum Bend Radius, loaded	74 mm   2.913 in	
Minimum Bend Radius, unloaded	49 mm   1.929 in	
Tensile Load, long term, maximum	200 N   44.962 lbf	
Tensile Load, short term, maximum	667 N   149.948 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	

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## 760250998 | P-016-MP-5K-F16AQ

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	500 m   1,640.42 ft	
Optical Specifications		
Fiber Type	OM4, LazrSPEED® 550   OM4, LazrSPEED® 550	

## **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 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

23 kg/km | 15.455 lb/kft

#### Included Products

CS-5K-MP

 LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

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### \* Footnotes

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

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