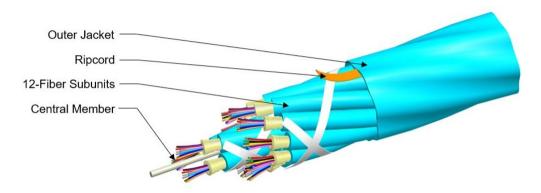
# N-096-MP-5K-F12

Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber multi-unit with 12 fiber subunits, Gel-free, Multimode OM4, Feet jacket marking

#### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America	
Portfolio	CommScope®	
Product Type	Fiber indoor cable	
Product Series	N-MP	
General Specifications		
Cable Type	MPO trunk cable	
Construction Type	Non-armored	
Subunit Type	Gel-free	
Jacket Marking	Feet	
Subunit, quantity	8	
Fibers per Subunit, quantity	12	
Total Fiber Count	96	
Dimensions		
Buffer Tube/Subunit Diameter	3 mm   0.118 in	
Diameter Over Jacket	12.45 mm   0.49 in	

#### Representative Image



Page 1 of 3

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# N-096-MP-5K-F12

### Mechanical Specifications

Minimum Bend Radius, loaded	187 mm   7.362 in
Minimum Bend Radius, unloaded	124 mm   4.882 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1335 N   300.12 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	5.88 N-m   52.042 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	289 m   948.163 ft
Optical Specifications	
Fiber Type	OM4, LazrSPEED® 550   OM4, LazrSPEED® 550

### **Environmental Specifications**

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °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	Low Smoke Zero Halogen (LSZH)   Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3   IEC 60754-2   IEC 61034-2   UL 1666   UL 1685

### Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)

Page 2 of 3

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# N-096-MP-5K-F12

Low High Bend Test Meth	od	FOTP-37   IEC 60794-1 E11		
Temperature Cycle		-20 °C to +70 °C (-4 °F to +158 °F)		
Temperature Cycle Test Method		FOTP-3   IEC 60794-1 F1		
Packaging and Weights				
Cable weight		141 kg/km   94.748 lb/kft		
Regulatory Compliance/Certifications				
Agency	Classification			
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available			
ISO 9001:2015 Cenelec	Designed, manufactured and/or distributed under this quality management system			

#### Included Products

CS-5K-MP

LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

#### \* Footnotes

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

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