# P-012-MP-5L-F30

Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 12 fiber, Multimode OM3, Feet jacket marking

### Product Classification

PortfolioCommScope@Product TypeFiber indoor cableProduct SeriesP-MPCaneral SpecificationsVIII (Commonscope)Cable TypeMPO trunk cableConstruction TypeMPO trunk cableSuburit TypeGel-freeJacket MarkingFeetTotal Fiber Count12DimensionsJimm   0.118 inRepresentative ImageSouth   0.118 inOuter JacketFiberSouth TypeSouth   0.118 in	Regional Availability	Asia   Australia/New Zealand   Latin America   Middle East/Africa   North America
Product SeriesP-MPGeneral SpecificationsMPO trunk cableCable TypeMPO trunk cableConstruction TypeNon-armoredSubunit TypeGel-freeJacket MarkingFeetTotal Fiber Count12DimensionsJamm   0.118 inRepresentative ImageOuter JacketÁramid YarnJacket Image	Portfolio	CommScope®
General SpecificationsCable TypeMPO trunk cableConstruction TypeNon-armoredSubunit TypeGel-freeJacket MarkingFeetTotal Fiber Count12DimensionsJammer Over JacketDiameter Over JacketSmm   0.118 inCuter JacketAramid Yarn250 µm OpticalImage	Product Type	Fiber indoor cable
Cable TypeMPO trunk cableConstruction TypeNon-armoredSubunit TypeGel-freeJacket MarkingFeetTotal Fiber Count12DimensionsJamm   0.118 inPameter Over Jacket3mm   0.118 inCouter JacketJamm   0.118 inOuter JacketJamm   0.118 inJacketJamm   0.118 inJacketJamm   0.118 inJacketJamm   0.118 inJacketJamm   0.118 inJacketJamm   0.118 inJacketJamm   0.118 inJacket <t< th=""><th>Product Series</th><th>P-MP</th></t<>	Product Series	P-MP
Construction TypeNon-armoredSubunit TypeGel-freeJacket MarkingFeetTotal Fiber Count12DimensionsJamm   0.118 inPameter Over Jacket3 mm   0.118 inRepresentative ImageJacket Jacket J	General Specifications	
Subunit Type Gel-free Jacket Marking Feet Total Fiber Count 12 Dimensions Diameter Over Jacket 3mm   0.118 in Representative Image	Cable Type	MPO trunk cable
Jacket Marking Feet Total Fiber Count 12 Dimensions Diameter Over Jacket 3mm   0.118 in Representative Image Outer Jacket 4ramid Yarn 250 µm Optical	Construction Type	Non-armored
Total Fiber Count 12 Dimensions Diameter Over Jacket 3mm   0.118 in Representative Image Outer Jacket 4ramid Yarn 250 µm Optical	Subunit Type	Gel-free
Dimensions Diameter Over Jacket Sepresentative Image Outer Jacket Aramid Yarn 250 µm Optical	Jacket Marking	Feet
Diameter Over Jacket Aramid Yarn 250 µm Optical	Total Fiber Count	12
Representative Image Outer Jacket Aramid Yarn 250 µm Optical	Dimensions	
Outer Jacket Aramid Yarn 250 µm Optical	Diameter Over Jacket	3 mm   0.118 in
Aramid Yarn 250 µm Optical	Representative Image	
250 μm Optical	Outer Jacket —	
	Aramid Yarn —	

#### Mechanical Specifications

Minimum Bend Radius, loaded

45 mm | 1.772 in

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Minimum Bend Radius, unloaded	24 mm   0.945 in
Tensile Load, long term, maximum	100 N   22.481 lbf
Tensile Load, short term, maximum	334 N   75.086 lbf
Compression	4 N/mm   22.841 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
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

OM3, LazrSPEED® 300 | OM3, LazrSPEED® 300

### **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 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)

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**COMMSCOPE**°

# P-012-MP-5L-F30

#### Temperature Cycle Test Method

FOTP-3 | IEC 60794-1 F1

### Packaging and Weights

Cable weight

9 kg/km | 6.048 lb/kft

### Regulatory Compliance/Certifications

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

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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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