



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 72 fiber multi-unit with 24 fiber subunits, Multimode OM3, Gel-free, 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

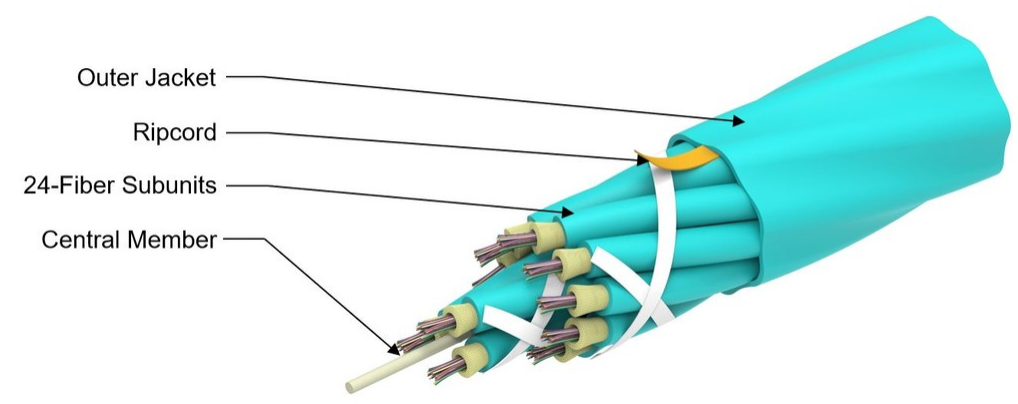
General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	3
Fibers per Subunit, quantity	24
Total Fiber Count	72

Dimensions

Buffer Tube/Subunit Diameter	3.6 mm   0.142 in
Diameter Over Jacket	9.42 mm   0.371 in

Representative Image



## Mechanical Specifications

Minimum Bend Radius, loaded	141 mm   5.551 in
Minimum Bend Radius, unloaded	94 mm   3.701 in
Tensile Load, long term, maximum	334 N   75.086 lbf
Tensile Load, short term, maximum	1112 N   249.988 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	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	451 m   1,479.659 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 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	75 kg/km   50.398 lb/kft
--------------	--------------------------

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

Included Products

CS-5L-MP	– LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber
----------	---

\* Footnotes

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