760163238 | P-024-MZ-5K-F24AQ

Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, 24 fiber, Gel-free, Multimode OM4, 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-MZ

General Specifications

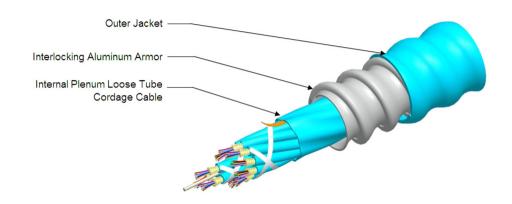|	
Armor Type	Interlocking aluminum
Cable Type	MPO trunk cable
Construction Type	Armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	1
Fibers per Subunit, quantity	24
Total Fiber Count	24

Dimensions

Buffer Tube/Subunit Diameter	3.6 mm	0.142 in
Diameter Over Armor	17.15 mm	0.675 in
Diameter Over Jacket	19.18 mm	0.755 in

Representative Image

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Outer Jacket
Interlocking Aluminum Armor
Internal Plenum Loose Tube Cordage Cable

Mechanical Specifications

Minimum Bend Radius, loaded	288 mm　|　11.339 in
Minimum Bend Radius, unloaded	192 mm　|　7.559 in
Tensile Load, long term, maximum	400 N　|　89.924 lbf
Tensile Load, short term, maximum	1335 N　|　300.12 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	142 m　|　465.879 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)

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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

Cable weight	288 kg/km | 193.527 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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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