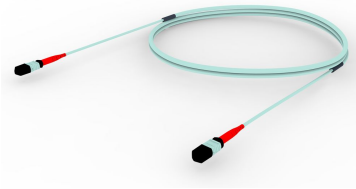


AQX2P2PHF



OM4 MPO24 (Unpinned) to MPO24 (Unpinned), Fiber Patch Cord, 24-Fiber, Method A, Plenum

Product Classification

Regional Availability	Asia Australia/New Zealand Europe Latin America Middle East /Africa North America
Portfolio	CommScope®
Product Type	Fiber array cable assembly
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters Minimum length may vary based on cable configuration

General Specifications

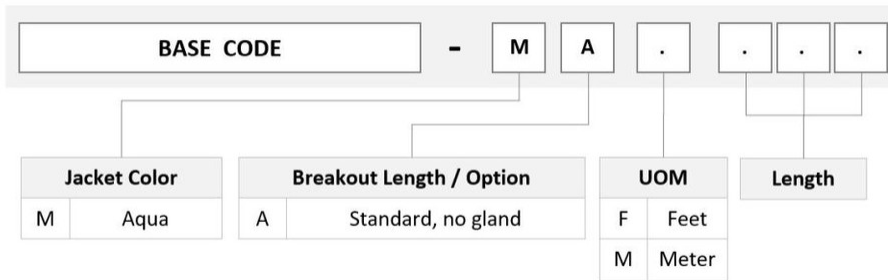
Color, boot A	Red
Color, boot B	Red
Color, connector A	Aqua
Color, connector B	Aqua
Construction Type	Stranded
Fibers per Subunit, quantity	24
Furcation Color	Aqua
Interface, Connector A	MPO-24/UPC
Interface, Connector B	MPO-24/UPC
Jacket Color	Aqua
Polarity	Method A
Total Fibers, quantity	24

Dimensions

Cable Assembly Length Range (m)	1 – 305
Cable Assembly Length Range (ft)	1 – 999

AQX2P2PHF

Ordering Tree



Mechanical Specifications

Cable Retention Strength, maximum 11.24 lb @ 0 ° | 4.40 lb @ 90 °

Optical Specifications

Fiber Mode Multimode

Fiber Type OM4, LazrSPEED®

Environmental Specifications

Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)

Environmental Space Indoor | Plenum

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

Classification

Above maximum concentration value

Designed, manufactured and/or distributed under this quality management system

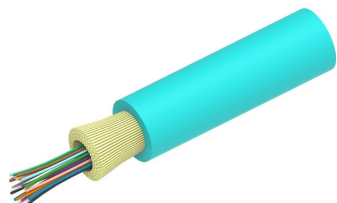
Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant/Exempted



Included Products

- 760161901 - LazrSPEED® Plenum MPO Light Duty Patchcord Cable, 24 P-024-MP-5K-F36AQ fiber
- 860489111 - LazrSPEED® Elite MPO Female 24 Fiber Connector, aqua



LazrSPEED® Plenum MPO Light Duty Patchcord Cable, 24 fiber

Product Classification

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East/Africa | North America

Portfolio

CommScope®

Product Type

Fiber indoor cable

General Specifications

Cable Type

MPO trunk cable

Construction Type

Non-armored

Fiber Type, quantity

24

Jacket Color

Aqua

Jacket Marking

Feet

Subunit Type

Gel-free

Total Fiber Count

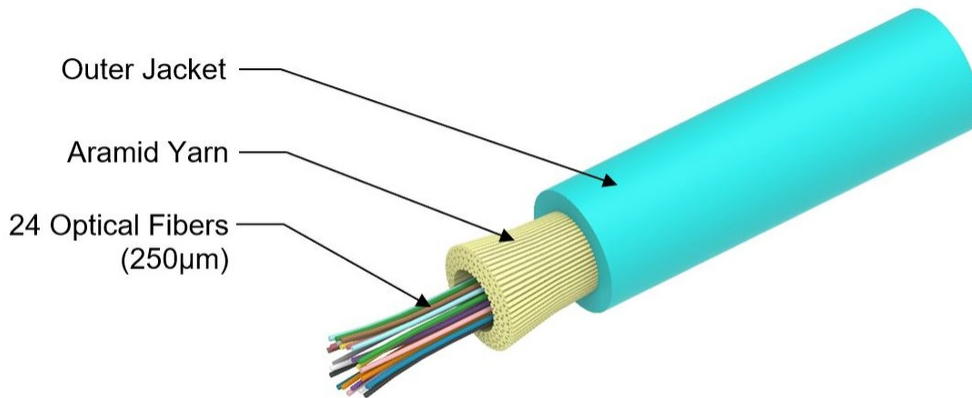
24

Dimensions

Diameter Over Jacket

3.6 mm | 0.142 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	54 mm 2.126 in
Minimum Bend Radius, unloaded	29 mm 1.142 in
Tensile Load, long term, maximum	120 N 26.977 lbf
Tensile Load, short term, maximum	400 N 89.924 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	OM4, LazrSPEED® 550 OM4, LazrSPEED® 550
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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)

760161901 | P-024-MP-5K-F36AQ

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	12 kg/km 8.064 lb/kft
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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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

LazrSPEED® Elite MPO Female 24 Fiber Connector, aqua

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	LazrSPEED®

General Specifications

Color	Aqua
Color, boot	Red
Ferrule Geometry	Flat
Interface	MPO Female
Interface Feature	Standard
Total Fiber Count	24

Dimensions

Length	60.1 mm 2.366 in
Compatible Cable Diameter	3.6 mm 0.142 in

Material Specifications

Ferrule Material	Polymer
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Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °
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Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM3 OM4
Insertion Loss Change, mating	0.3 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.27 dB
Insertion Loss, ULL, maximum	0.2 dB

860489111

Return Loss, minimum 27 dB

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above 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/Exempted



* Footnotes

Insertion Loss Change, mating TIA-568: Maximum insertion loss change after 500 matings

Insertion Loss Change, temperature Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)