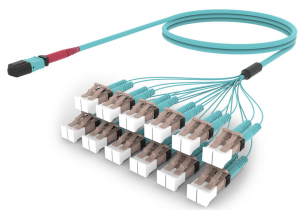


UQX2PLCHF

Base Product



Ultra Low Loss OM4 MPO24 Unpinned to LC/UPC 24-Fiber Plenum Array Cord

Product Classification

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

General Specifications

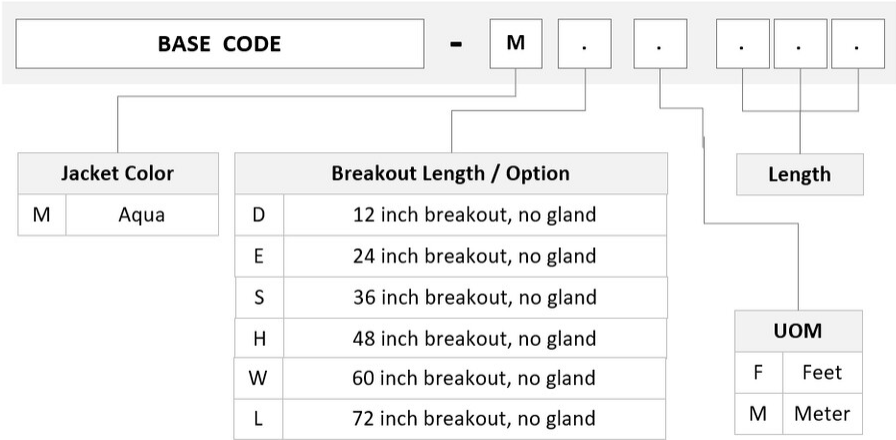
Color, boot A	Red
Color, connector A	Aqua
Color, boot B	Aqua
Color, connector B	Beige
Construction Type	Stranded
Furcation Color	Aqua
Interface, Connector A	MPO-24/UPC Female
Interface, Connector B	LC/UPC
Jacket Color	Aqua
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	24
Total Fibers, quantity	24

Dimensions

Breakout Length	12 in 24 in 36 in 48 in 60 in 72 in
Cable Assembly Length Range (m)	1 – 304
Cable Assembly Length Range (ft)	2 – 999

UQX2PLCHF

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

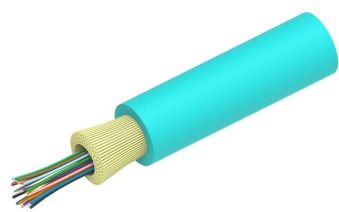
Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space Indoor | Plenum

Regulatory Compliance/Certifications

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

Included Products

- | | | |
|-------------------|---|--|
| 760245199 | – | Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 24 fiber, Multimode |
| P-024-MP-5K-F30AQ | | OM4, Feet jacket marking, Aqua jacket color |
| 860637425 | – | LC/UPC Connector, Multimode, Beige, Short Boot |
| 860662277 | – | MPO24,FEMALE,OM3/4,AQUA,3.0MM |



Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 24 fiber, 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-MP

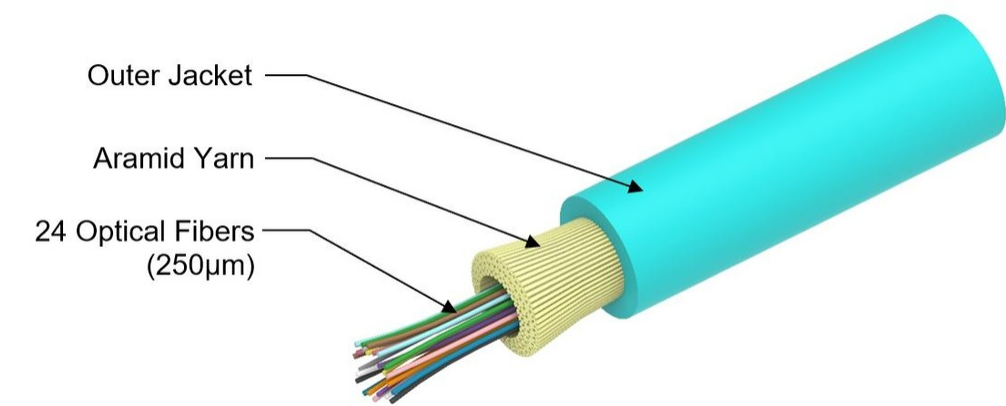
General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Total Fiber Count	24

Dimensions

Diameter Over Jacket	3 mm 0.118 in
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Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	45 mm 1.772 in
Minimum Bend Radius, unloaded	24 mm 0.945 in
Tensile Load, long term, maximum	80 N 17.985 lbf
Tensile Load, short term, maximum	267 N 60.024 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)

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	9.3 kg/km 6.249 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
UK-ROHS	Compliant



* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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LC/UPC Connector, Multimode, Beige, Short Boot

Product Classification

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

General Specifications

Color, boot	Aqua
Color, housing	Beige
Interface	LC/UPC

Dimensions

Length	41.6 mm 1.638 in
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Material Specifications

Ferrule Material	Zirconia
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Mechanical Specifications

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

Fiber Mode	Multimode
Insertion Loss Change, mating	0.2 dB
Optical Components Standard	ANSI/TIA-568. 3-D IEC 61753-1
Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.15 dB
Return Loss, minimum	35 dB

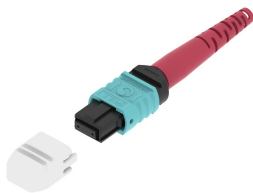
Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
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)



MPO24,FEMALE,OM3/4,AQUA,3.0MM

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/UPC Female
Interface Feature	Unpinned
Total Fiber Count	24

Dimensions

Length	60.1 mm 2.366 in
Compatible Cable Diameter	3 mm 0.118 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	0.7 dB
Optical Components Standard	ANSI/TIA-568-C.3

Insertion Loss Change, temperature	0.7 dB
Insertion Loss, maximum	0.7 dB
Return Loss, minimum	28 dB

Packaging and Weights

Packaging quantity	1
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* 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)