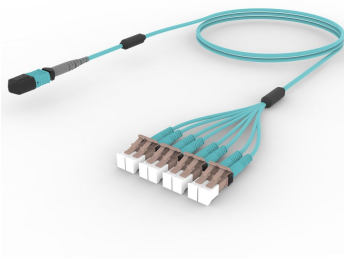


# U4XQXLCT8

Base Product



Ultra Low Loss OM4 MPO12 QSFP Pinned to LC/UPC 8-Fiber InstaPATCH® 360 Ruggedized Fanout Cable, Low Smoke Zero Halogen B2ca

## Product Classification

Regional Availability	Europe
Portfolio	CommScope®
Product Type	Ruggedized fanout
Product Brand	SYSTIMAX InstaPATCH® 360
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters   Minimum length may vary based on cable configuration   Not available in the United States or Canada

## General Specifications

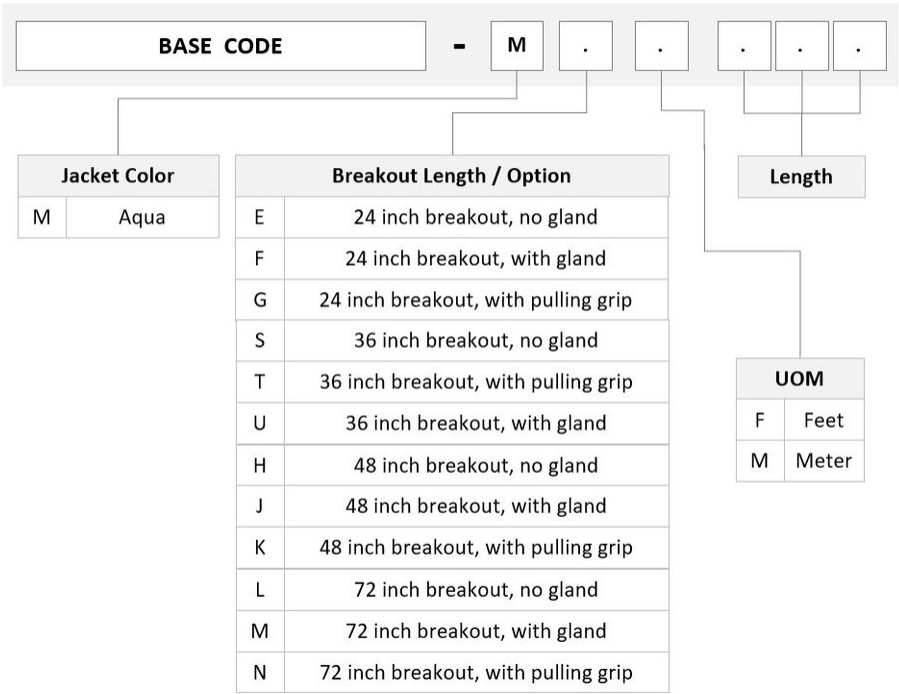
Color, boot A	Black
Color, connector A	Aqua
Color, boot B	Aqua
Color, connector B	Beige
Construction Type	Stranded
Furcation Color	Aqua
Interface, Connector A	MPO-08/UPC Male
Interface Feature, connector A	QSFP configuration
Interface, Connector B	LC/UPC
Jacket Color	Aqua
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	8

## Dimensions

# U4XQXLCT8

Cable Assembly Length Range (m)	3 – 999
Cable Assembly Length Range (ft)	10 – 999

## Ordering Tree



## Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM4, LazrSPEED®

## Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	B2ca
Environmental Space	Low Smoke Zero Halogen (LSZH)

## Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant

# U4XQXLCT8

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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

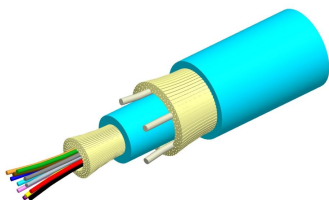


## Included Products

760253116	-	Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm
N-008-MP-5K-F08AQ/20T/B2		Subunits, 8 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating
860637378	-	LazrSPEED® Elite LC Connector duplex for 1.6 mm Fiber, multimode
860659019	-	MPO8, LL, MALE, OM3/4, AQUA, 2MM

760253116 | N-008-MP-5K-F08AQ/20T/B2

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Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 8 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating

Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-MP

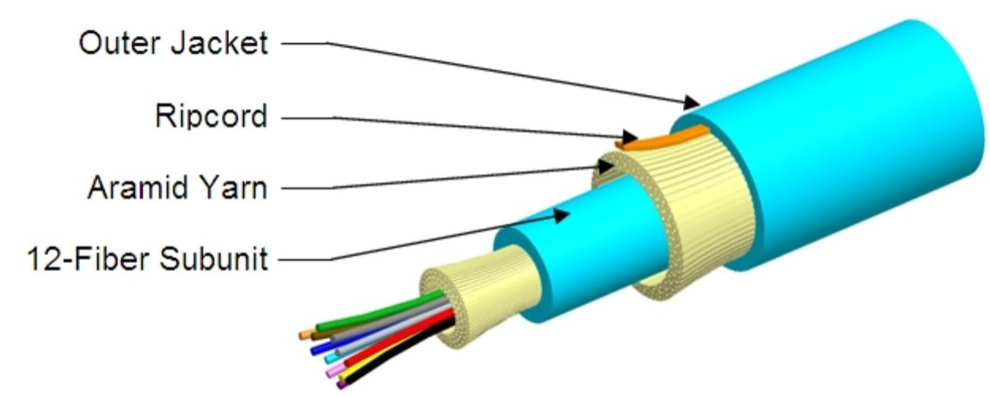
General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	1
Total Fiber Count	8

Dimensions

Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Jacket	5.3 mm   0.209 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	80 mm   3.15 in
Minimum Bend Radius, unloaded	53 mm   2.087 in
Tensile Load, long term, maximum	133 N   29.9 lbf
Tensile Load, short term, maximum	445 N   100.04 lbf
Compression	10 N/mm   57.101 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	2.94 N-m   26.021 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	412 m   1,351.706 ft

Optical Specifications

Fiber Type	OM4, LazrSPEED® 550
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Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
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# 760253116 | N-008-MP-5K-F08AQ/20T/B2

Operating Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596   Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3   IEC 60754-2   IEC 61034-2

## Environmental Test Specifications

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	33 kg/km   22.175 lb/kft
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## \* Footnotes

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

LazrSPEED® Elite LC Connector duplex for 1.6 mm Fiber, multimode

Product Classification

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

General Specifications

Body Style	Duplex
Color	Beige
Ferrule Geometry	Pre-radiused
Interface	LC/UPC

Dimensions

Length	50.3 mm   1.98 in
Compatible Cable Diameter	1.6 mm   0.063 in

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
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss, ULL, maximum	0.15 dB
Return Loss, minimum	35 dB

Packaging and Weights

Packaging quantity	2
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant







MPO8, LL, MALE, OM3/4, AQUA, 2MM

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	Gray
Ferrule Geometry	Flat
Interface	MPO/UPC Male
Interface Feature	Pinned
Total Fiber Count	8

Dimensions

Length	60.1 mm   2.366 in
Compatible Cable Diameter	2 mm   0.079 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	Singlemode
Fiber Type	OM3, LazrSPEED®   OM4, LazrSPEED®
Insertion Loss Change, mating	0.2 dB
Optical Components Standard	ANSI/TIA-568-C.3

# 860659019

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Insertion Loss, maximum	0.27 dB
Return Loss, minimum	27 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
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