UNXMXLUCK

Base Product



Ultra Low Loss ULL LazrSPEED® 550 MPO(Pinned) to LC/UPC Uniboot Ruggedized fanout Cable, 72-Fiber, LSZH, 12 fiber PmP 2.0 mm Dca

Product Classification

Regional Availability	Asia Australia/New Zealand Europe Latin America Middle East/Africa North America	
Portfolio	CommScope®	
Product Type	Ruggedized fanout	
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	Black
Color, connector A	Black
Color, boot B	Blue
Color, connector B	Black
Construction Type	Stranded
Furcation Color	Aqua
Interface, Connector A	MPO-12/UPC Male
Interface, Connector B	LC/UPC
Interface Feature, connector B	Uniboot
Jacket Color	Aqua
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	12
Total Fibers, quantity	72
Dimensions	

Cable Assembly Length Range (m)

3 - 999

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Cable Assembly Length Range (ft)

10 - 999

Ordering Tree

	BASE	CODE	- M		•
Ja	cket Color		Breakout Length / Option		ength
N	Aqua	E	24 inch breakout, no gland		
		F	24 inch breakout, with gland		
		1	33/60 inch breakout, no gland		
		2	33/60 inch breakout, with gland		
		3	33/60 inch breakout, with pulling grip		иом
		4	23 inch breakout, mounting clips included, no pulling grip on side A	F	Feet Meter
		5	23 inch breakout, mounting clips included, pulling grip on side A		meter
		н	48 inch breakout, no gland		
		J	48 inch breakout, with gland		
		L	72 inch breakout, no gland		
		М	72 inch breakout, with gland		
		S	36 inch breakout, no gland		
		U	36 inch breakout, with gland		
		V	60 inch breakout, no gland		
		W	60 inch breakout, with pulling grip		

Optical Specifications

Fiber Mode

Fiber Type

Multimode OM4, LazrSPEED®

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)	
EN50575 CPR Cable EuroClass Fire Performance	Dca	
Environmental Space	Dual Rated LSZH/Riser Indoor	

Regulatory Compliance/Certifications

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UNXMXLUCK

Classification
Below maximum cor
Designed, manufactu

Below maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant as per SVHC revision on www.commscope.com/ProductCompliance Compliant Compliant



ROHS

REACH-SVHC

Included Products

760222851 N-072-MP-5K-F12AQ/20T/D	-	Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber multi-unit with 12 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating
860658161	-	2.0 mm LC/UPC Uniboot GEN 1.5, Aqua
860659006	-	MP012, ULL, MALE, OM3/4, AQUA, 2MM



760222851 | N-072-MP-5K-F12AQ/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber multi-unit with 12 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
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	6
Fibers per Subunit, quantity	12
Total Fiber Count	72
Dimensions	
Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	8.2 mm 0.323 in

Representative Image

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760222851 | N-072-MP-5K-F12AQ/20T/D



Mechanical Specifications

Minimum Bend Radius, loaded	123 mm 4.843 in
Minimum Bend Radius, unloaded	82 mm 3.228 in
Tensile Load, long term, maximum	200 N 44.962 lbf
Tensile Load, short term, maximum	667 N 149.948 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	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	295 m 967.848 ft
Optical Specifications	
Fiber Type	OM4, LazrSPEED® 550 OM4, LazrSPEED® 550

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °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)

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Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH) Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3 IEC 60754-2 IEC 61034-2 UL 1666 UL 1685

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	-20 °C to +70 °C (-4 °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	65.4 kg/km 43.947 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
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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2.0 mm LC/UPC Uniboot GEN 1.5, Aqua

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	Fiber connector boot

General Specifications

Color	Aqua
Compatible Interface	LC
Ferrule Geometry	Flat

Dimensions

Compatible Cable Diameter	2 mm	0.079 in
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Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM4
Attenuation, nominal	0.13 dB
Insertion Loss, maximum	0.15 dB
Return Loss, minimum	35 dB

Packaging and Weights

Packaging Type	Bag
r ackaging rypc	Dag

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

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Compliant

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Product Classification

MP012, ULL, MALE, OM3/4, AQUA, 2MM

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	Black
Ferrule Geometry	Flat
Interface	MPO/UPC Male
Interface Feature	Pinned
Total Fiber Count	12
Dimensions	
Length	60.1 mm 2.366 in
Compatible Cable Diameter	2 mm 0.079 in
Material Specifications	
Ferrule Material	Polymer
Mechanical Specifications	
Cable Retention Strength, maximum	11.24 lb @ 0 °
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

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Insertion Loss, maximum	0.2 dB
Return Loss, minimum	27 dB

Packaging and Weights

Packaging quantity 1

* Footnotes

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

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