ULXMXSCCK

Base Product



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

in meters | Minimum length may vary based on cable configuration

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	

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	SC/UPC
Interface Feature, connector B	ULL
Jacket Color	Aqua
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	12
Total Fibers, quantity	72
Dimensions	

Cable Assembly Length Range (m)

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3 - 999



ULXMXSCCK

Cable Assembly Length Range (ft)

10 - 999

Ordering Tree

	BASE	CODE	- M		•
Ja	cket Color		Breakout Length / Option	L	ength
м	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	, I	Лом
		н	48 inch breakout, no gland	F	Feet
		J	48 inch breakout, with gland	М	Meter
		-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 PerformanceDcaEnvironmental SpaceIndoor | Plenum

Regulatory Compliance/Certifications

Classification

ISO 9001:2015

Agency

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

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ULXMXSCCK

Included Products

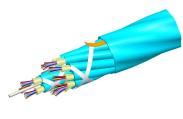
760242120 P-072-MP-5K-F12AQ/20T	-	Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 72 fiber multi-unit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color
860659006	-	MP012, ULL, MALE, OM3/4, AQUA, 2MM

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760242120 | P-072-MP-5K-F12AQ/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 72 fiber multi-unit with 12 fiber subunits, Multimode OM4, Gel-free, 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
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	9.3 mm 0.366 in

Representative Image

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760242120 | P-072-MP-5K-F12AQ/20T



Mechanical Specifications

Minimum Bend Radius, loaded	141 mm 5.551 in
Minimum Bend Radius, unloaded	94 mm 3.701 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	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	227 m 744.751 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)
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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760242120 | P-072-MP-5K-F12AQ/20T

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

90 kg/km | 60.477 lb/kft

Regulatory Compliance/Certifications

Agency	Classification

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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860659006



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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860659006

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

Packaging and Weights

Packaging quantity

* Footnotes

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

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