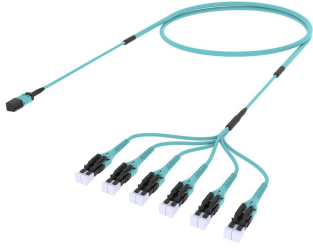# ULXMPLUCD

Base Product

Ultra Low Loss ULL LazrSPEED® 550 MPO(Unpinned) to LC/UPC Uniboot Ruggedized fanout Cable, 12-Fiber, Plenum, 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 Female
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	12

Dimensions

Cable Assembly Length Range (m)	3 – 999

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Cable Assembly Length Range (ft)	10 – 999

Ordering Tree

	Breakout Length / Option
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
4	23 inch breakout, mounting clips included, no pulling grip on side A
5	23 inch breakout, mounting clips included, pulling grip on side A
H	48 inch breakout, no gland
J	48 inch breakout, with gland
L	72 inch breakout, no gland
M	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

	Jacket Color
M	Aqua

	UOM
F	Feet
M	Meter

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	Dca
Environmental Space	Indoor	Plenum

Regulatory Compliance/Certifications

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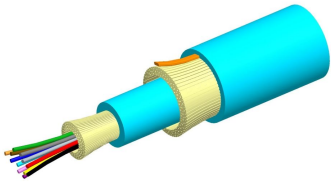| Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

760242112 P-012-MP-5K-F12AQ/20T	–	Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 12 fiber, Multimode OM4, Feet jacket marking, Aqua jacket color
860658161	–	2.0 mm LC/UPC Uniboot GEN 1.5, Aqua
860659012	–	MPO12, ULL, FEMALE, OM3/4, AQUA, 2MM

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760242112 | P-012-MP-5K-F12AQ/20T

Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 12 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	12

Dimensions

Buffer Tube/Subunit Diameter	2 mm	0.079 in
Diameter Over Jacket	5.2 mm	0.205 in

Representative Image

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Outer Jacket
Ripcord
Aramid Yarn
12-Fiber Subunit
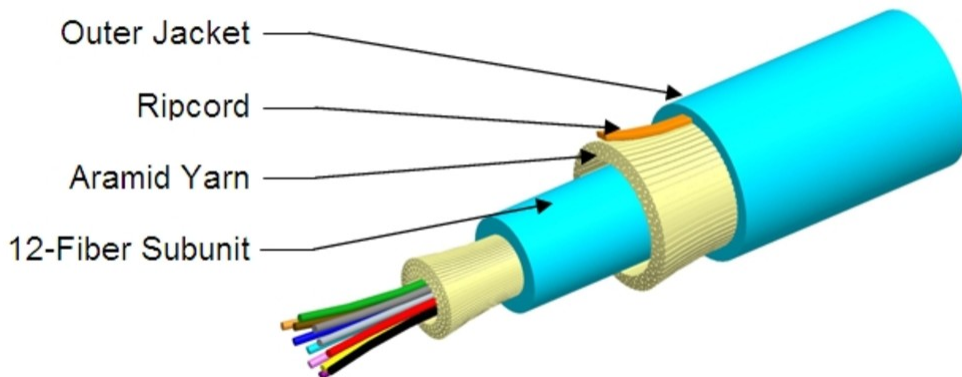
Mechanical Specifications

Minimum Bend Radius, loaded	79 mm | 3.11 in
Minimum Bend Radius, unloaded	52 mm | 2.047 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	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	417 m | 1,368.11 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)

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760242112 | P-012-MP-5K-F12AQ/20T

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	33 kg/km	22.175 lb/kft

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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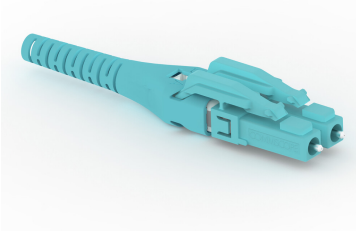
2.0 mm LC/UPC Uniboot GEN 1.5, Aqua

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

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

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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UK-ROHS   Compliant

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MP012, ULL, FEMALE, 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	Black
Ferrule Geometry	Flat
Interface	MPO/UPC Female
Interface Feature	Unpinned
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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