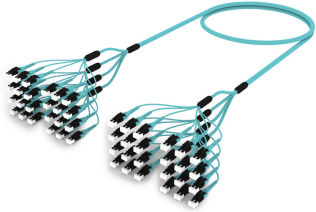


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Base Product



Ultra Low Loss ULL LazrSPEED® 550 LC/UPC Uniboot to LC/UPC Uniboot Ruggedized fanout Cable, 48-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

Blue

Color, connector A

Black

Color, boot B

Blue

Color, connector B

Black

Construction Type

Stranded

Furcation Color

Aqua

Interface, Connector A

LC/UPC

Interface Feature, connector A

Uniboot

Interface, Connector B

LC/UPC

Interface Feature, connector B

Uniboot

Jacket Color

Aqua

Fibers per Subunit, quantity

12

Total Fibers, quantity

48

Dimensions

Cable Assembly Length Range (m)

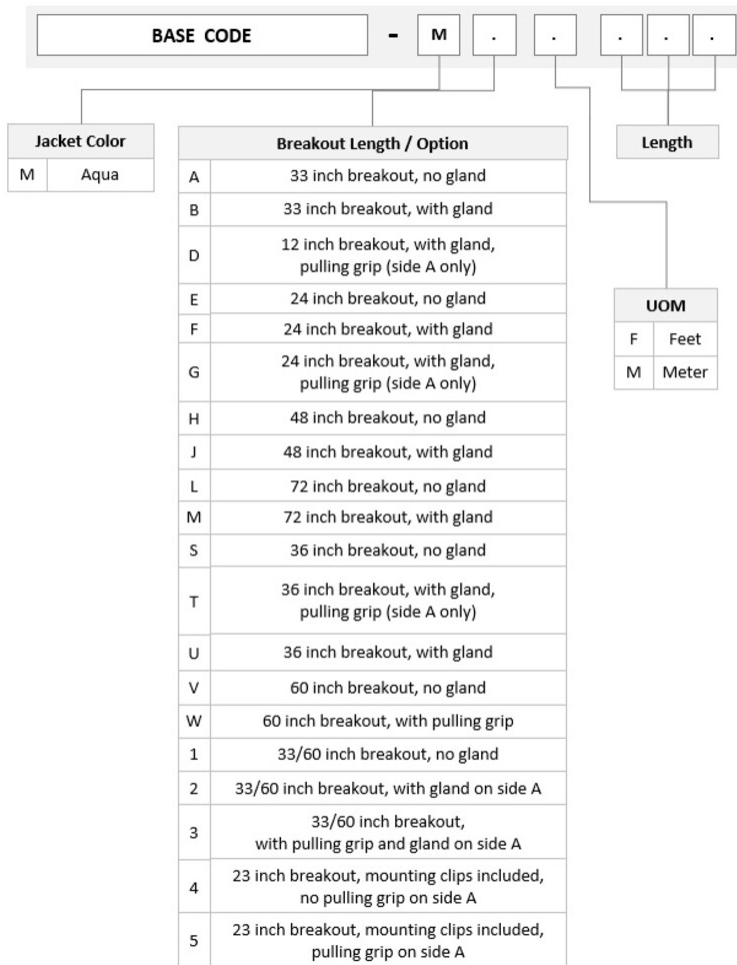
3 – 999

Cable Assembly Length Range (ft)

8 – 999

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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

Dca

Environmental Space

Indoor | Plenum

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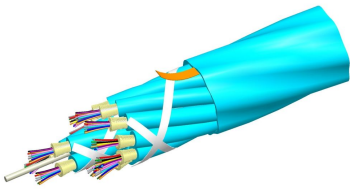
Regulatory Compliance/Certifications

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



Included Products

760242118 P-048-MP-5K-F12AQ/20T	- Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 48 fiber multi-unit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color
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Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 48 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

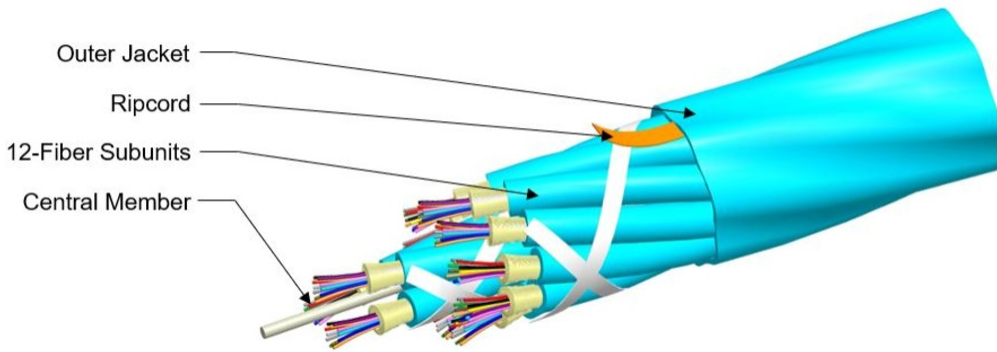
General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	4
Fibers per Subunit, quantity	12
Total Fiber Count	48

Dimensions

Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	7.7 mm 0.303 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	116 mm 4.567 in
Minimum Bend Radius, unloaded	77 mm 3.031 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	316 m 1,036.745 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)

760242118 | P-048-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	65 kg/km 43.678 lb/kft
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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