### AGXMXMXCH

#### **Base Product**



### Ultra Low Loss ULL LazrSPEED® 550 MPO(Pinned) to MPO(Pinned) Pre-terminated Trunk Cable, MPO12, 48-Fiber, Plenum, 12 fiber PmP 2.0 mm Dca, Method A

### Product Classification

Regional Availability	Asia   Australia/New Zealand   Europe   Latin America   Middle East/Africa   North America	
Portfolio	CommScope®	
Product Type	Fiber trunk cable assembly	
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	Black
Color, connector B	Black
Construction Type	Stranded
Furcation Color	Aqua
Interface, Connector A	MPO-12/UPC Male
Interface, Connector B	MPO-12/UPC Male
Jacket Color	Aqua
Polarity	Method A
Fibers per Subunit, quantity	12
Total Fibers, quantity	48
Dimensions	
Breakout Length	33 in

Breakout Length	33 in
Cable Assembly Length Range (m)	3 - 999
Cable Assembly Length Range (ft)	10 - 999

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## AGXMXMXCH

### Ordering Tree

	E	BASE C	CODE - M	Ŀ	·
Jacket Color Breakout Length / Option		Breakout Length / Option	L	ength	
М	Aqua	А	33 inch breakout, no gland		
		В	33 inch breakout, with gland		
		С	33 inch breakout, with pulling grip		
		J	Propel, 23 inch breakout, with cable management clip, no pulling grip	l	MOL
		к	Propel, 23 inch breakout, with cable management clip, with pulling grip	F	Feet
		1	33/60 inch breakout, no gland	М	Meter
		2	33/60 inch breakout, with gland on side A		
		3	33/60 inch breakout, with pulling grip and gland on side A		
		4	33/120 inch breakout, no gland		
		5	33/120 inch breakout, with gland on side A		
		6	33/120 inch breakout, with pulling grip and gland on side A		
		Т	33 inch breakout, with gland on side A		
		U	33 inch breakout, with pulling grip and gland on side A		
		V	60 inch breakout, no gland		
		w	60 inch breakout, with pulling grip		
		Р	120 inch breakout, no gland		
		Q	120 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	Indoor   Plenum

### Regulatory Compliance/Certifications

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**COMMSCOPE**°

# AGXMXMXCH

Agency	Classification
ANATEL	Compliant
CHINA-ROHS	Above 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/Exempted
UK-ROHS	Compliant/Exempted

### Included Products

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760242118 P-048-MP-5K-F12AQ/20T
860659006

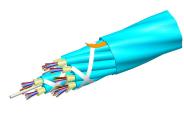
- Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 48 fiber multi-unit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color
- MPO12, ULL, MALE, OM3/4, AQUA, 2MM

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# 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

### 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

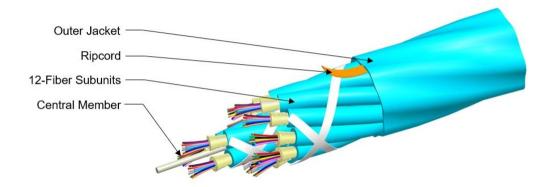
### Representative Image

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# 760242118 | P-048-MP-5K-F12AQ/20T



### 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

### **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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# 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

#### 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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