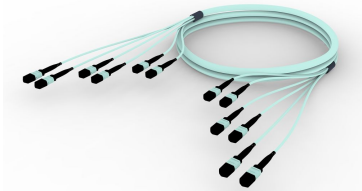


# FJXMPMPAK



OM4 MPO (Female) to MPO (Female), InstaPATCH® 360 Pre-terminated Trunk Cable, 72-Fiber, Low Smoke Zero Halogen

## Product Classification

Regional Availability	Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America
Portfolio	CommScope®
Product Type	Fiber trunk cable assembly
Product Brand	SYSTIMAX InstaPATCH® 360
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters   Minimum length may vary based on cable configuration   Not available in the United States or Canada

## General Specifications

Color, boot A	Black
Color, boot B	Black
Color, connector A	Aqua
Color, connector B	Aqua
Construction Type	Stranded
Fibers per Subunit, quantity	12
Furcation Color	Aqua
Interface, Connector A	MPO-12/UPC
Interface, Connector B	MPO-12/UPC
Jacket Color	Aqua
Total Fibers, quantity	72

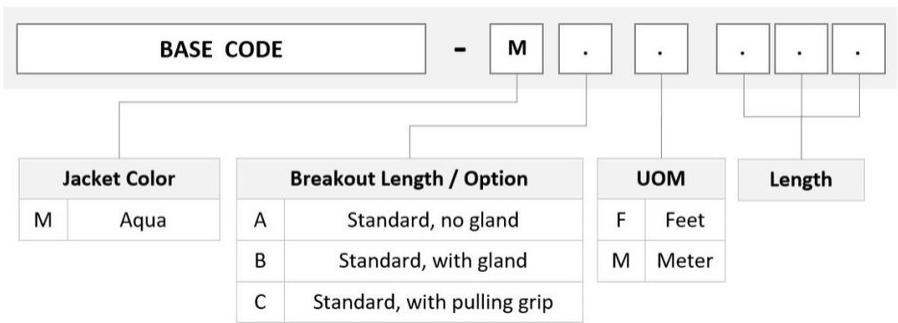
## Dimensions

Breakout Length	33 in
Cable Assembly Length, minimum (ft)	10
Cable Assembly Length, maximum (ft)	999

# FJXMPMPAK

Cable Assembly Length, minimum (m)	3
Cable Assembly Length, maximum (m)	999

## Ordering Tree



## Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °   4.40 lb @ 90 °
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## Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM4, LazrSPEED®

## Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Dual Rated LSZH/Riser

## 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant



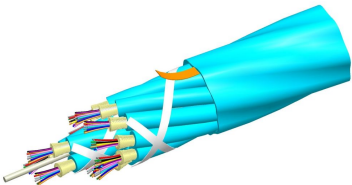
## Included Products

# FJXMPMPAK

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760067504 — LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 72 fiber multi-unit with 12 fiber subunits  
N-072-MP-5K-F12AQ/D

860647054 — MPO12, LOW LOSS, FEMALE, OM3/4, AQUA, 3mm



LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 72 fiber multi-unit with 12 fiber subunits

Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber indoor cable

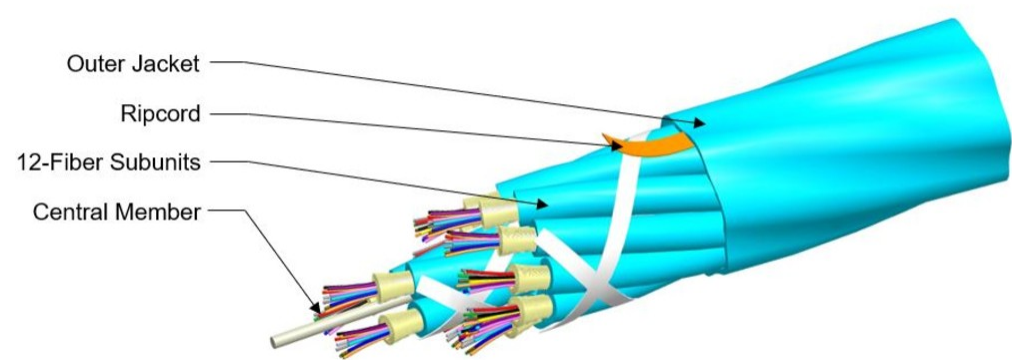
General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Fiber Type, quantity	72
Fibers per Subunit, quantity	12
Jacket Color	Aqua
Subunit Type	Gel-free
Subunit, quantity	6
Total Fiber Count	72

Dimensions

Buffer Tube/Subunit Diameter	3 mm   0.118 in
Diameter Over Jacket	10.75 mm   0.423 in

Representative Image



## Mechanical Specifications

Minimum Bend Radius, loaded	161 mm   6.339 in
Minimum Bend Radius, unloaded	107 mm   4.213 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1335 N   300.12 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	5.88 N-m   52.042 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	401 m   1,315.617 ft

## Optical Specifications

Fiber Type	OM4, LazrSPEED® 550   OM4, LazrSPEED® 550
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## Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °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

### 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-LS (ETL) and c(ETL)

## Flame Test Method

IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | IEEE 383 | UL 1666 | UL 1685

## Environmental Test Specifications

### Heat Age

-20 °C to +85 °C (-4 °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

-20 °C to +70 °C (-4 °F to +158 °F)

### Temperature Cycle Test Method

FOTP-3 | IEC 60794-1 F1

## Packaging and Weights

### Cable weight

102 kg/km | 68.541 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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant



## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

MP012, LOW LOSS, FEMALE, OM3/4, AQUA, 3mm

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber connector

## General Specifications

<b>Body Style</b>	12-fiber
<b>Color</b>	Aqua
<b>Color, boot</b>	Black
<b>Ferrule Geometry</b>	Flat
<b>Interface</b>	MPO Female
<b>Interface Feature</b>	Standard

## Dimensions

<b>Length</b>	60.1 mm   2.366 in
<b>Compatible Cable Diameter</b>	3 mm   0.118 in

## Material Specifications

<b>Ferrule Material</b>	Polymer
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## Mechanical Specifications

<b>Cable Retention Strength, maximum</b>	11.24 lb @ 0 °
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## Optical Specifications

<b>Fiber Mode</b>	Multimode
<b>Fiber Type</b>	OM3   OM4
<b>Insertion Loss Change, mating</b>	0.3 dB
<b>Optical Components Standard</b>	ANSI/TIA-568-C.3
<b>Insertion Loss Change, temperature</b>	0.3 dB
<b>Insertion Loss, maximum</b>	0.25 dB
<b>Return Loss, minimum</b>	27 dB

Packaging and Weights

**Packaging quantity** 1

Regulatory Compliance/Certifications

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



\* Footnotes

<b>Insertion Loss Change, mating</b>	TIA-568: Maximum insertion loss change after 500 matings
<b>Insertion Loss Change, temperature</b>	Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)