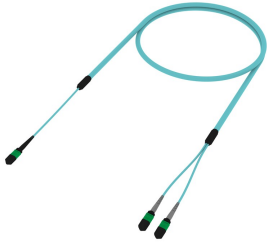


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Base Product



Ultra Low Loss (ULL) OM4, 1X2, MPO16 Multimode APC (Pinned) to MPO8 Multimode APC (Non-Pinned), 16-Fiber, Conversion Array, Plenum

Product Classification

Regional Availability	Asia Australia/New Zealand China Europe India Latin America Middle East/Africa North America
Portfolio	CommScope®
Product Type	Fiber conversion array cable assembly
Product Brand	Propel 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

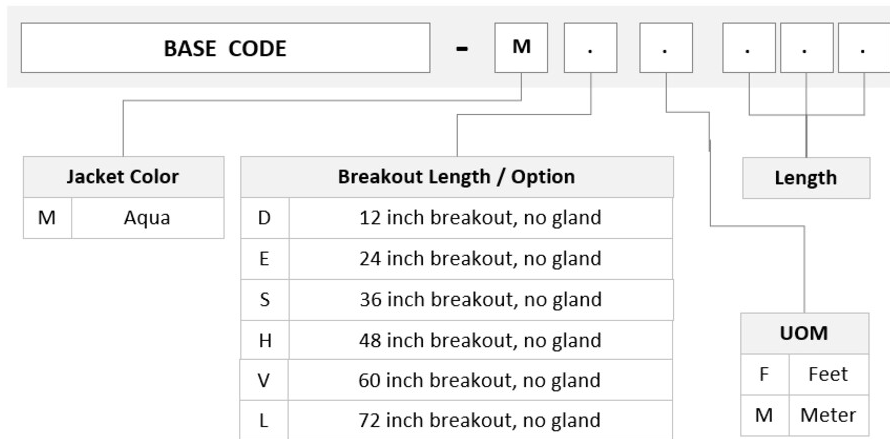
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Green
Connector B, quantity	2
Color, boot B	Gray
Color, connector B	Aqua
Construction Type	Stranded
Furcation Color	Aqua
Interface, Connector A	MPO-16/APC Male
Interface, Connector B	MPO-08/APC Female
Jacket Color	Aqua
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	16
Total Fibers, quantity	16

Dimensions

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Breakout Length	12 in 24 in 36 in 48 in 60 in 72 in
Cable Assembly Length Range (m)	1 – 305
Cable Assembly Length Range (ft)	3 – 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	Indoor Plenum

Regulatory Compliance/Certifications

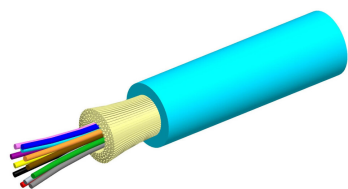
Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

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Included Products

- | | | |
|--------------------------------|---|--|
| 760250997
P-016-MP-5K-F30AQ | - | Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 16 fiber, Multimode OM4, Feet jacket marking, Aqua jacket color |
| 860659158 | - | Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, pinned, green, for 3 mm cable |
| 860662232 | - | MPO8,ULL,Multimode,FEMALE,APC,GREEN,2 mm |



Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 16 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	16

Dimensions

Diameter Over Jacket	3 mm 0.118 in
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Mechanical Specifications

Minimum Bend Radius, loaded	45 mm 1.772 in
Minimum Bend Radius, unloaded	24 mm 0.945 in
Tensile Load, long term, maximum	100 N 22.481 lbf
Tensile Load, short term, maximum	334 N 75.086 lbf
Compression	4 N/mm 22.841 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

760250997 | P-016-MP-5K-F30AQ

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	500 m 1,640.42 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)
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

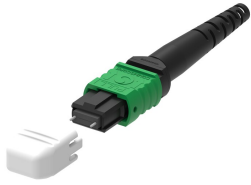
Packaging and Weights

Cable weight	9 kg/km 6.048 lb/kft
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, pinned, green, for 3 mm cable

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	Green
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Male
Interface Feature	Pinned
Total Fiber Count	16

Dimensions

Length	60.1 mm 2.366 in
Compatible Cable Diameter	3 mm 0.118 in

Material Specifications

Ferrule Material	Polymer
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Mechanical Specifications

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

Fiber Mode	Multimode
Fiber Type	OM3 OM4
Insertion Loss Change, mating	0.3 dB
Optical Components Standard	ANSI/TIA-568-C.3

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Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.2 dB

Packaging and Weights

Packaging quantity	1
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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



* Footnotes

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

860662232



MPO8,ULL,Multimode,FEMALE,APC,GREEN,2 mm

Product Classification

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

General Specifications

Color	Green
Color, boot	Black
Ferrule Geometry	Angled
Interface	MPO/APC Female
Interface Feature	Unpinned

Dimensions

Compatible Cable Diameter	2 mm 0.079 in
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Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM4 OM5
Insertion Loss Change, mating	0.3 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.2 dB
Return Loss, minimum	45 dB

Packaging and Weights

Packaging quantity	1
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* Footnotes

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

Insertion Loss Change, temperature Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)