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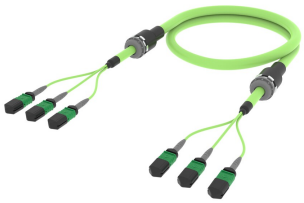
Base Product



Ultra Low Loss (ULL) OM5 MPO8 APC (pinned) to MPO8 APC (pinned) Fiber Trunk Cable Assembly, 24-Fiber, Armored Indoor Plenum

Product Classification

Regional Availability	Asia | Australia/New Zealand | China | Europe | India | Latin America | Middle East/Africa | North America
Portfolio	CommScope®
Product Type	Fiber trunk 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	3
Color, boot A	Gray
Color, connector A	Green
Connector B, quantity	3
Color, boot B	Gray
Color, connector B	Green
Construction Type	Armored | Stranded
Furcation Color	Lime green
Interface, Connector A	MPO-08/APC Male
Interface, Connector B	MPO-08/APC Male
Jacket Color	Lime green
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	24

Dimensions

Breakout Length	22 in

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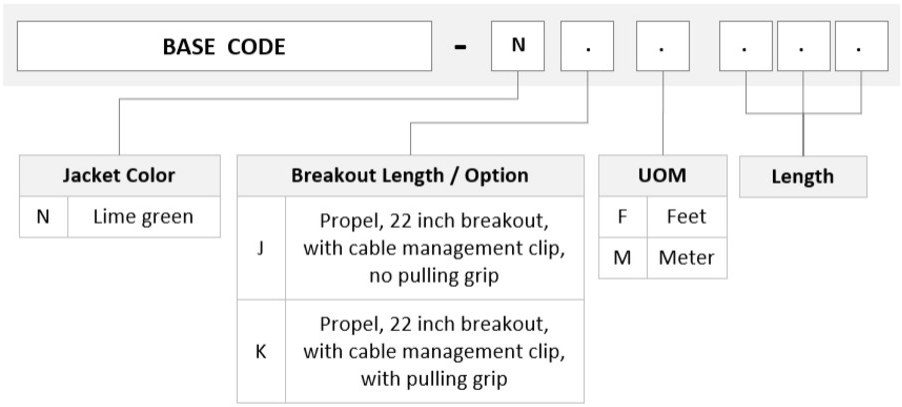
Cable Assembly Length Range (m)	3 – 305
Cable Assembly Length Range (ft)	10 – 999

Ordering Tree



Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 ° | 4.40 lb @ 90 °

Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM5, 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
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

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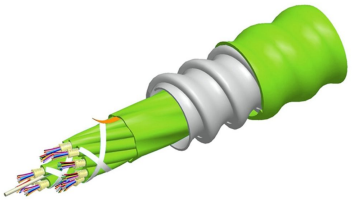
Included Products

760256045 P-024-MZ-5G-F08LM/20T	–	Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, Multimode OM5, 24 fiber multi-unit with 8 fiber subunits, Lime-green jacket color, Feet cable marking
860662230	–	MPO8,ULL,Multimode,MALE,APC,GREEN,2 mm

760256045 | P-024-MZ-5G-F08LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, interlocking aluminum armored with plenum jacket, Multimode OM5, 24 fiber multi-unit with 8 fiber subunits, Lime-green jacket color, Feet cable marking

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-MZ

General Specifications

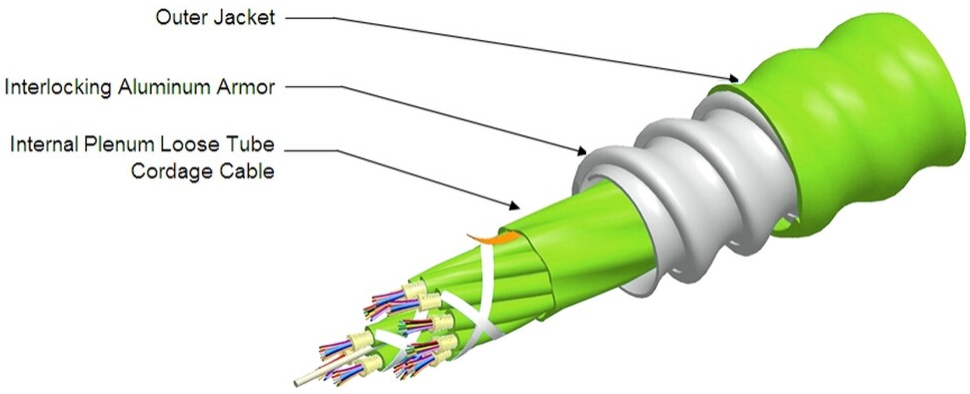
Armor Type	Interlocking aluminum
Cable Type	MPO trunk cable
Construction Type	Armored
Subunit Type	Gel-free
Filler, quantity	1
Jacket Color	Lime green
Jacket Marking	Feet
Subunit, quantity	3
Fibers per Subunit, quantity	8
Total Fiber Count	24

Dimensions

Buffer Tube/Subunit Diameter	2 mm | 0.079 in
Diameter Over Armor	14.61 mm | 0.575 in
Diameter Over Jacket	16.6 mm | 0.654 in

Representative Image

760256045 | P-024-MZ-5G-F08LM/20T



Mechanical Specifications

Minimum Bend Radius, loaded	250 mm | 9.843 in
Minimum Bend Radius, unloaded	166 mm | 6.535 in
Tensile Load, long term, maximum	200 N | 44.962 lbf
Tensile Load, short term, maximum	667 N | 149.948 lbf
Compression	85 N/mm | 485.363 lb/in
Compression Test Method	FOTP-41 | IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 | IEC 60794-1 E6
Impact	35 N-m | 309.776 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	89 m | 291.995 ft

Optical Specifications

Fiber Type	OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

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 OFCP (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

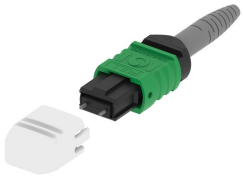
Packaging and Weights

Cable weight	230 kg/km | 154.553 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

860662230



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

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	8

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	Multimode
Fiber Type	OM4, LazrSPEED®
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

* 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)