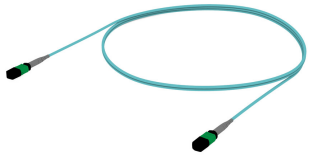# URXQVQVF8

Base Product

Ultra Low Loss (ULL) OM4 MPO8 APC (Non-Pinned) to MPO8 APC (Non-Pinned), Fiber Trunk Cable Assembly, 8-Fiber, Dual Rated (OFNR /LSZH)

Product Classification

Regional Availability	Asia	Australia/New Zealand	China	Europe	India	Latin America	Middle East/Africa	North America
Portfolio	CommScope®
Product Type	Fiber 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	Gray
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Gray
Color, connector B	Green
Construction Type	Stranded
Furcation Color	Aqua
Interface, Connector A	MPO-08/APC Female
Interface, Connector B	MPO-08/APC Female
Jacket Color	Aqua
Polarity	Method B Enhanced (ULL)
Fibers per Subunit, quantity	8
Total Fibers, quantity	8

Dimensions

Cable Assembly Length Range (m)	1 – 305

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URXQVQVF8

Cable Assembly Length Range (ft)   3 – 999

Ordering Tree

BASE CODE		-	M	A	.	.	.	.

Jacket Color

M	Aqua

Breakout Length / Option

A	no breakout, no gland, no pulling grips

UOM

F	Feet
M	Meter
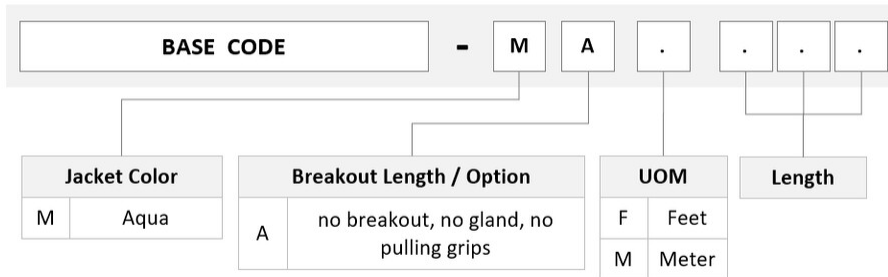
Length

Mechanical Specifications

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

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 | Indoor

Regulatory Compliance/Certifications

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

Included Products

760251447 N-008-MP-5K-F20AQ/E	–	LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber
860662232	–	MPO8,ULL,Multimode,FEMALE,APC,GREEN,2 mm
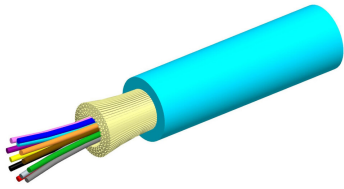
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LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-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	8

Dimensions

Diameter Over Armor	2 mm	0.079 in

Representative Image

COMMSCOPE®
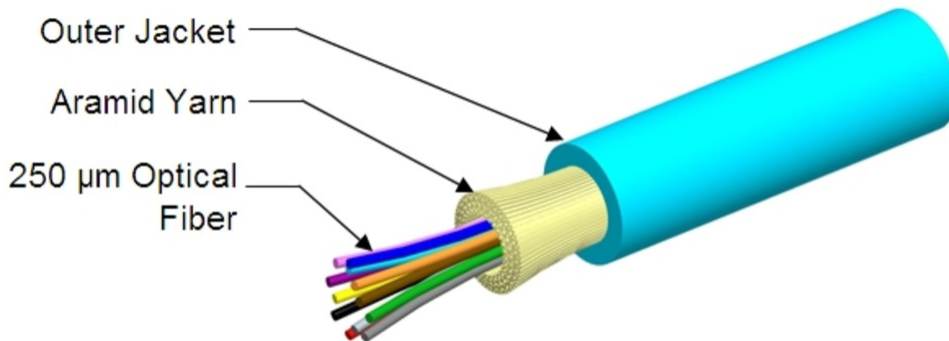
Mechanical Specifications

Minimum Bend Radius, loaded	38 mm	1.496 in
Minimum Bend Radius, unloaded	16 mm	0.63 in
Tensile Load, long term, maximum	33 N	7.419 lbf
Tensile Load, short term, maximum	111 N	24.954 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
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

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °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
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3	IEC 60754-2	IEC 61034-2	UL 1666	UL 1685

Environmental Test Specifications

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9

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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	3.7 kg/km	2.486 lb/kft

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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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

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

* 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)

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