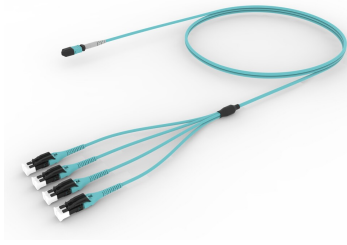


URXQZLUF8

Base Product



Ultra Low Loss (ULL) OM4 MPO8 APC (Pinned) to LC/UPC Uniboot, Fiber Array 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

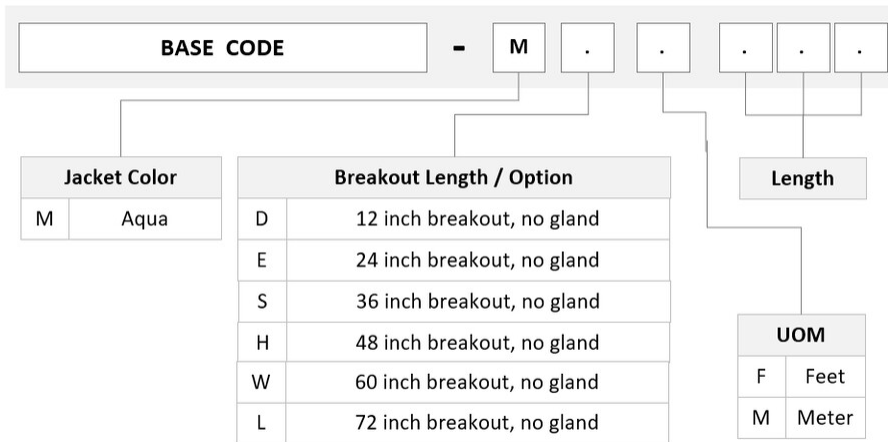
| | |
|---------------------------------------|-------------------------|
| Connector A, quantity | 1 |
| Color, boot A | Gray |
| Color, connector A | Green |
| Connector B, quantity | 8 |
| Color, boot B | Aqua |
| Color, connector B | Black |
| Construction Type | Stranded |
| Furcation Color | Aqua |
| Interface, Connector A | MPO-08/APC Male |
| Interface, Connector B | LC/UPC |
| Interface Feature, connector B | Uniboot |
| Jacket Color | Aqua |
| Polarity | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity | 8 |
| Total Fibers, quantity | 8 |

URXQZLUF8

Dimensions

| | |
|---|---|
| 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) | 1 – 999 |

Ordering Tree



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 |

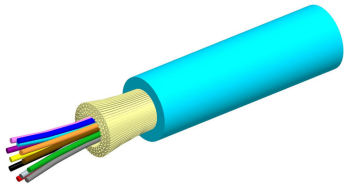
Regulatory Compliance/Certifications

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

URXQZLUF8

Included Products

- 760251447 N-008-MP-5K-F20AQ/E – LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber
- 860658161 – 2.0 mm LC/UPC Uniboot GEN 1.5, Aqua
- 860662230 – MPO8,ULL,Multimode,MALE,APC,GREEN,2 mm



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

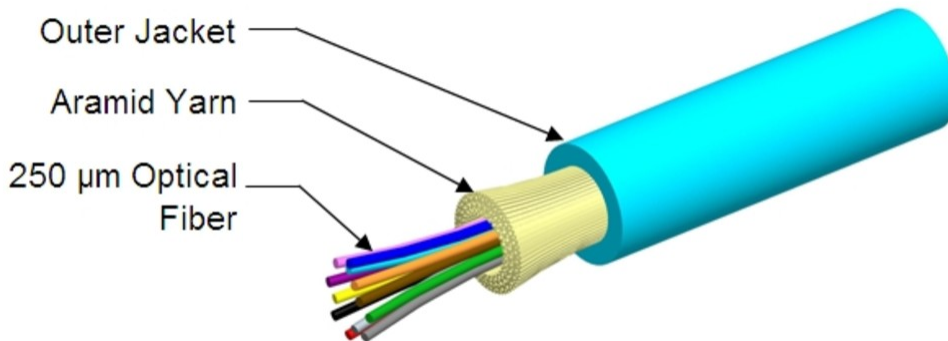
8

Dimensions

Diameter Over Armor

2 mm | 0.079 in

Representative Image



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 |

760251447 | N-008-MP-5K-F20AQ/E

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)

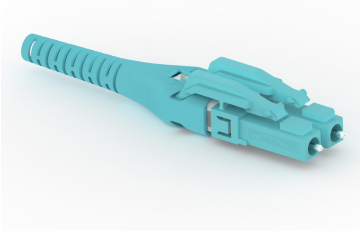
Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 3.7 kg/km | 2.486 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



2.0 mm LC/UPC Uniboot GEN 1.5, Aqua

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Product Type | Fiber connector boot |

General Specifications

| | |
|-----------------------------|------|
| Color | Aqua |
| Compatible Interface | LC |
| Ferrule Geometry | Flat |

Dimensions

| | |
|----------------------------------|-----------------|
| Compatible Cable Diameter | 2 mm 0.079 in |
|----------------------------------|-----------------|

Optical Specifications

| | |
|--------------------------------|-----------|
| Fiber Mode | Multimode |
| Fiber Type | OM4 |
| Attenuation, nominal | 0.13 dB |
| Insertion Loss, maximum | 0.15 dB |
| Return Loss, minimum | 35 dB |

Packaging and Weights

| | |
|-----------------------|-----|
| Packaging Type | Bag |
|-----------------------|-----|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |

860658161

UK-ROHS

Compliant



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 |

860662230

| | |
|---|--------|
| 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) |