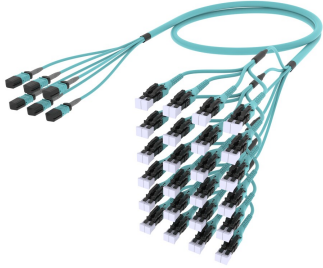


U4XQPLUTH

Base Product



Ultra Low Loss ULL OM4 MPO8 UPC non-pinned to LC/UPC Uniboot Ruggedized fanout Cable, 48-Fiber, LSZH, 8 fiber PmP 2.0 mm /B2ca

Product Classification

| | |
|------------------------------|--|
| Regional Availability | Europe |
| Portfolio | CommScope® |
| Product Type | Ruggedized fanout |
| 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

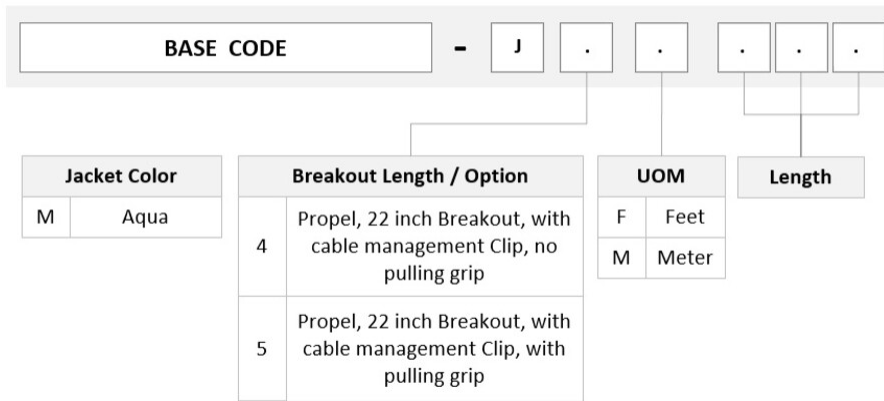
| | |
|---------------------------------------|-------------------------|
| Connector A, quantity | 6 |
| Color, boot A | Gray |
| Color, connector A | Aqua |
| Connector B, quantity | 48 |
| Color, boot B | Aqua |
| Color, connector B | Black |
| Construction Type | Stranded |
| Furcation Color | Aqua |
| Interface, Connector A | MPO-08/UPC Female |
| 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 | 48 |

Dimensions

U4XQPLUTH

| | |
|---|----------|
| Breakout Length | 22 in |
| 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 | OM4, LazrSPEED® |

Environmental Specifications

| | |
|---|--------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca |
| Environmental Space | Dual Rated LSZH/Riser Indoor |

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 |

U4XQPLUTH

UK-ROHS

Compliant/Exempted



Included Products

- | | | |
|---------------------------------------|---|--|
| 760253120 N-048-MP-5K-F08AQ/20T/B2 | - | Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 48 fibers, with 2.0 mm Subunits, 48 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating |
| 860658161 | - | 2.0 mm LC/UPC Uniboot GEN 1.5, Aqua |
| 860659019 | - | MPO8, LL, MALE, OM3/4, AQUA, 2MM |



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 48 fibers, with 2.0mm Subunits, 48 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating

Product Classification

| | |
|------------------------------|-------------------------------------|
| Regional Availability | Asia Australia/New Zealand EMEA |
| 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 |
| Subunit, quantity | 6 |
| Fibers per Subunit, quantity | 8 |
| Total Fiber Count | 48 |

Dimensions

| | |
|-------------------------------------|-----------------|
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Jacket | 9 mm 0.354 in |

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 135 mm 5.315 in |
| Minimum Bend Radius, unloaded | 92 mm 3.622 in |
| Tensile Load, long term, maximum | 200 N 44.962 lbf |
| Tensile Load, short term, maximum | 667 N 149.948 lbf |
| Compression | 10 N/mm 57.101 lb/in |
| Compression Test Method | FOTP-41 IEC 60794-1 E3 |
| Flex | 25 cycles |
| Flex Test Method | FOTP-104 IEC 60794-1 E6 |
| Impact | 2.94 N-m 26.021 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 | 243 m 797.244 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) |

760253120 | N-048-MP-5K-F08AQ/20T/B2

| | |
|---|---|
| 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 | B2ca |
| EN50575 CPR Cable EuroClass Smoke Rating | s1a |
| EN50575 CPR Cable EuroClass Droplets Rating | d0 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flame Test Method | IEC 60332-3 IEC 60754-2 IEC 61034-2 |

Environmental Test Specifications

| | |
|--------------------------------------|------------------------------------|
| 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 | 83.9 kg/km 56.378 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 |

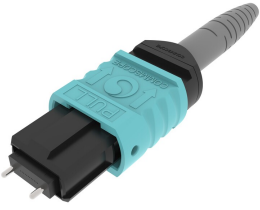
860658161

UK-ROHS

Compliant



860659019



MPO8, LL, MALE, OM3/4, AQUA, 2MM

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 | Aqua |
| Color, boot | Gray |
| Ferrule Geometry | Flat |
| Interface | MPO/UPC 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 | Singlemode |
| Fiber Type | OM3, LazrSPEED® OM4, LazrSPEED® |
| Insertion Loss Change, mating | 0.2 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |

860659019

Insertion Loss, maximum 0.27 dB

Return Loss, minimum 27 dB

Packaging and Weights

Packaging quantity 1

* Footnotes

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