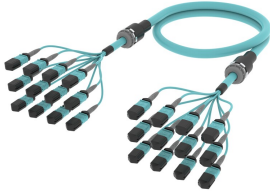


UKXQXQXTL

Base Product



Ultra Low Loss (ULL) OM4 MPO8 UPC (pinned) to MPO8 UPC (pinned)
Fiber Trunk Cable Assembly, 96-Fiber, Armored Indoor 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 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 | 12 |
| Color, boot A | Gray |
| Color, connector A | Aqua |
| Connector B, quantity | 12 |
| Color, boot B | Gray |
| Color, connector B | Aqua |
| Construction Type | Armored Stranded |
| Furcation Color | Aqua |
| Interface, Connector A | MPO-08/UPC Male |
| Interface, Connector B | MPO-08/UPC Male |
| Jacket Color | Aqua |
| Polarity | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity | 8 |
| Total Fibers, quantity | 96 |

Dimensions

| | |
|------------------------|-------|
| Breakout Length | 22 in |
|------------------------|-------|

UKXQXQXTL

| | |
|---|----------|
| 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 | Dca |
| 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 |
| UK-ROHS | Compliant/Exempted |

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Included Products

- 760256021
N-096-MZ-5K-F08AQ/20T/B2 – Fiber indoor cable, LazrSPEED® Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, Multimode OM4, 96 fiber multi-unit with 8 fiber subunits, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating
- 860659019 – MPO8, LL, MALE, OM3/4, AQUA, 2MM



Fiber indoor cable, LazrSPEED® Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, Multimode OM4, 96 fiber multi-unit with 8 fiber subunits, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating

Product Classification

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

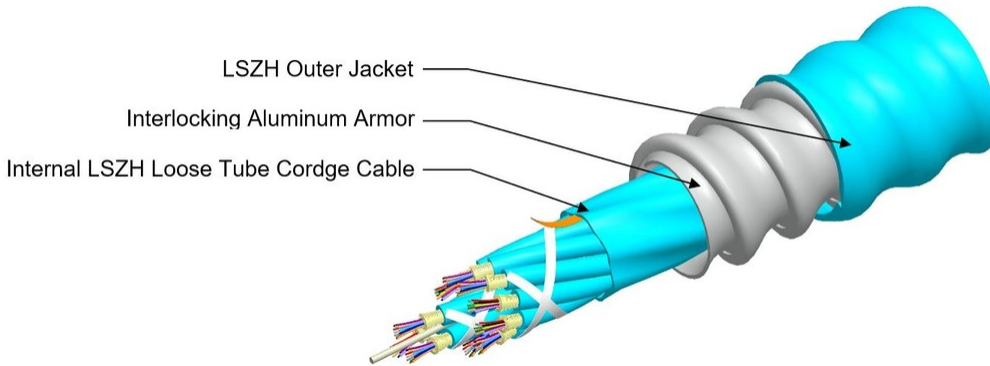
General Specifications

| | |
|-------------------------------------|-----------------------|
| Armor Type | Interlocking aluminum |
| Cable Type | MPO trunk cable |
| Construction Type | Armored |
| Subunit Type | Gel-free |
| Jacket Color | Aqua |
| Jacket Marking | Feet |
| Subunit, quantity | 12 |
| Fibers per Subunit, quantity | 8 |
| Total Fiber Count | 96 |

Dimensions

| | |
|-------------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Armor | 18.4 mm 0.724 in |
| Diameter Over Jacket | 20.4 mm 0.803 in |

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 307 mm 12.087 in |
| Minimum Bend Radius, unloaded | 204 mm 8.032 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 | 58 m 190.289 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) |

760256021 | N-096-MZ-5K-F08AQ/20T/B2

| | |
|---|---|
| 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 | d1 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Low Smoke Zero Halogen (LSZH) Riser |
| Flame Test Listing | NEC OFCR-LS (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 |
| 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 |

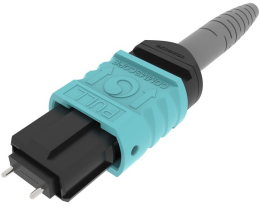
Packaging and Weights

| | |
|---------------------|----------------------------|
| Cable weight | 351 kg/km 235.861 lb/kft |
|---------------------|----------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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