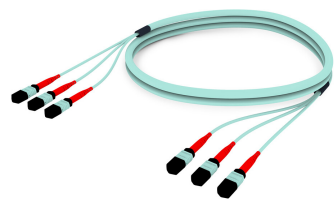


AJX2X2XBK

Base Product



OM4 MPO24 (Pinned) to MPO24 (Pinned), Fiber Trunk Cable Assembly, 72-Fiber, Method A, Low Smoke Zero Halogen

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 |
| Ordering Note | For lengths greater than 999 ft (304 m), orders must be in meters Minimum length may vary based on cable configuration |

General Specifications

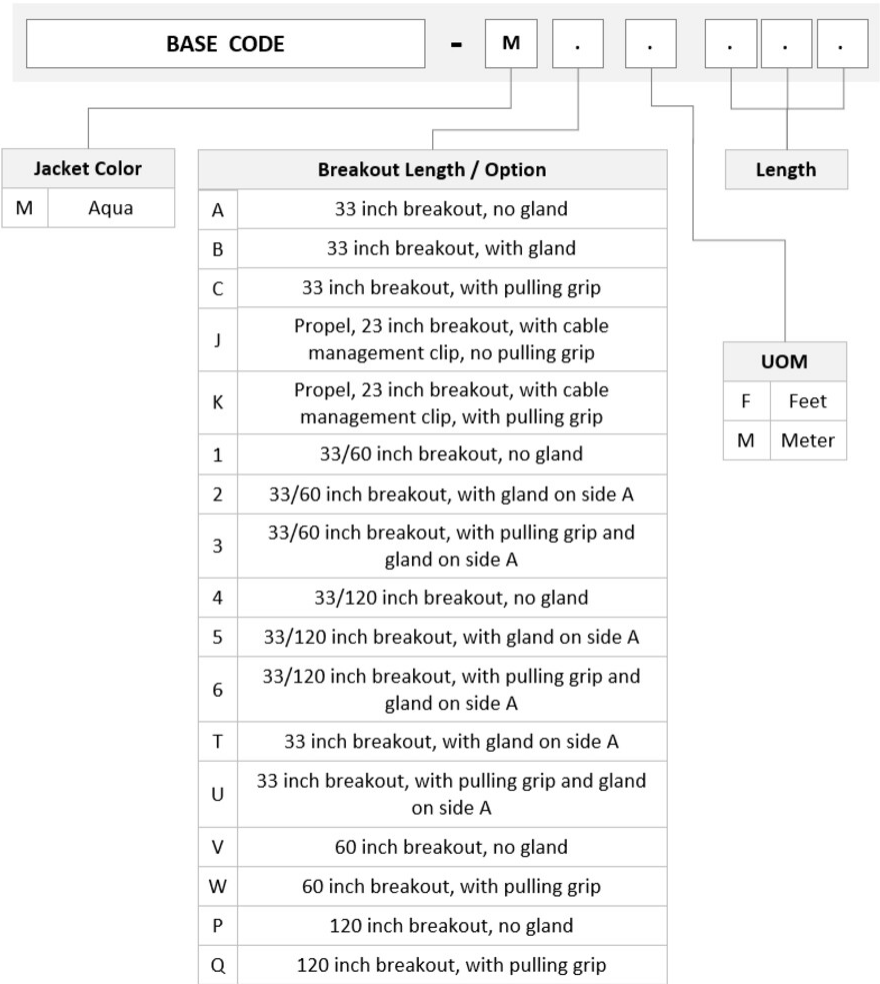
| | |
|------------------------------|-----------------|
| Color, boot A | Red |
| Color, connector A | Aqua |
| Color, boot B | Red |
| Color, connector B | Aqua |
| Construction Type | Stranded |
| Furcation Color | Aqua |
| Interface, Connector A | MPO-24/UPC Male |
| Interface, Connector B | MPO-24/UPC Male |
| Jacket Color | Aqua |
| Polarity | Method A |
| Fibers per Subunit, quantity | 24 |
| Total Fibers, quantity | 72 |

Dimensions

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

Ordering Tree

AJX2X2XBK



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

AJX2X2XBK

| 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 |



Included Products

| | | |
|---------------------------------------|---|--|
| 760249076 N-072-MP-5K-F24AQ/30T/B2 | - | Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber with 24-fiber, 3.0 mm subunits, Multimode OM4, Feet jacket marking, Aqua jacket color, B2ca flame rating |
| 860662278 | - | MPO24,MALE,OM3/4,AQUA,3.0MM |



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 72 fiber with 24-fiber, 3.0 mm subunits, Multimode OM4, 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-MP |

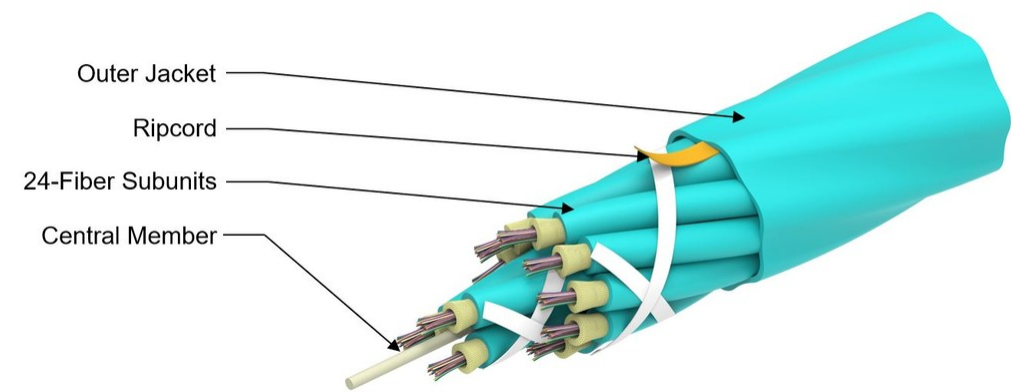
General Specifications

| | |
|------------------------------|-----------------|
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Filler, quantity | 1 |
| Jacket Color | Aqua |
| Jacket Marking | Feet |
| Subunit, quantity | 3 |
| Fibers per Subunit, quantity | 24 |
| Total Fiber Count | 72 |

Dimensions

| | |
|------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 3 mm 0.118 in |
| Diameter Over Jacket | 10.6 mm 0.417 in |

Representative Image



Mechanical Specifications

| | |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded | 159 mm 6.26 in |
| Minimum Bend Radius, unloaded | 106 mm 4.173 in |
| Tensile Load, long term, maximum | 400 N 89.924 lbf |
| Tensile Load, short term, maximum | 1335 N 300.12 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 | 404 m 1,325.459 ft |

Optical Specifications

| | |
|------------|---------------------|
| Fiber Type | OM4, LazrSPEED® 550 |
|------------|---------------------|

Environmental Specifications

| | |
|--------------------------|------------------------------------|
| Installation temperature | 0 °C to +50 °C (+32 °F to +122 °F) |
| Operating Temperature | 0 °C to +60 °C (+32 °F to +140 °F) |

760249076 | N-072-MP-5K-F24AQ/30T/B2

| | |
|--|---------------------------------------|
| Storage Temperature | -40 °C to +60 °C (-40 °F to +140 °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 | d2 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flame Test Method | IEC 60754-2 IEC 61034-2 |

Environmental Test Specifications

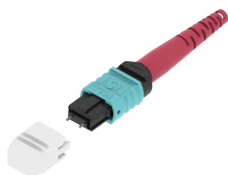
| | |
|-------------------------------|------------------------------------|
| Heat Age | 0 °C to +85 °C (+32 °F to +185 °F) |
| Heat Age Test Method | IEC 60794-1 F9 |
| Low High Bend | 0 °C to +50 °C (+32 °F to +122 °F) |
| Low High Bend Test Method | FOTP-37 IEC 60794-1 E11 |
| Temperature Cycle | 0 °C to +60 °C (+32 °F to +140 °F) |
| Temperature Cycle Test Method | FOTP-3 IEC 60794-1 F1 |

Packaging and Weights

| | |
|--------------|---------------------------|
| Cable weight | 101 kg/km 67.869 lb/kft |
|--------------|---------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



MPO24,MALE,OM3/4,AQUA,3.0MM

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 | Red |
| Ferrule Geometry | Flat |
| Interface | MPO/UPC Male |
| Interface Feature | Unpinned |
| Total Fiber Count | 24 |

Dimensions

| | |
|---------------------------|--------------------|
| Length | 60.1 mm 2.366 in |
| Compatible Cable Diameter | 3 mm 0.118 in |

Material Specifications

| | |
|------------------|---------|
| Ferrule Material | Polymer |
|------------------|---------|

Mechanical Specifications

| | |
|-----------------------------------|----------------|
| Cable Retention Strength, maximum | 11.24 lb @ 0 ° |
|-----------------------------------|----------------|

Optical Specifications

| | |
|-------------------------------|------------------|
| Fiber Mode | Multimode |
| Fiber Type | OM3 OM4 |
| Insertion Loss Change, mating | 0.7 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |

860662278

| | |
|------------------------------------|--------|
| Insertion Loss Change, temperature | 0.7 dB |
| Insertion Loss, maximum | 0.7 dB |
| Return Loss, minimum | 28 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) |