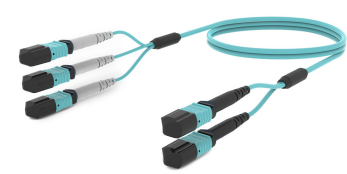


# URXQPMPHF

Base Product



Ultra Low Loss OM4, MPO8 QSFP (Unpinned) to MPO12 (Unpinned), Fiber Extension Cable Assembly, 24-Fiber, Low Smoke Zero Halogen

## Product Classification

|                       |  |
|-----------------------|--|
| Regional Availability | Australia/New Zealand   Europe   Latin America   Middle East/Africa  |
| Portfolio             | CommScope®   |
| Product Type          | Fiber array cable assembly   |
| Product Brand         | 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

|                                |                         |
|--------------------------------|-------------------------|
| Color, boot A                  | Gray                    |
| Color, connector A             | Aqua                    |
| Color, boot B                  | Black                   |
| Color, connector B             | Aqua                    |
| Construction Type              | Stranded                |
| Furcation Color                | Aqua                    |
| Interface, Connector A         | MPO-08/UPC Female       |
| Interface Feature, connector A | QSFP configuration      |
| Interface, Connector B         | MPO-12/UPC Female       |
| Jacket Color                   | Aqua                    |
| Polarity                       | Method B Enhanced (ULL) |
| Total Fibers, quantity         | 24                      |

## Dimensions

|                                  |         |
|----------------------------------|---------|
| Cable Assembly Length Range (m)  | 1 – 305 |
| Cable Assembly Length Range (ft) | 1 – 999 |

# URXQPMPHF

## 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** Indoor | Low Smoke Zero Halogen (LSZH)

## Regulatory Compliance/Certifications

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



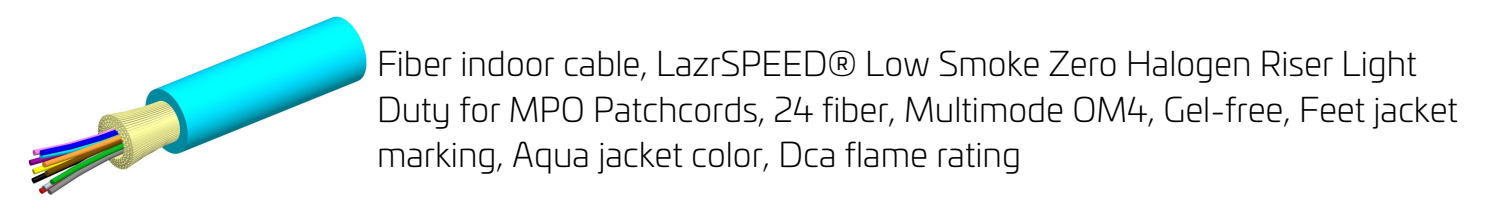
## Included Products

760256685 – Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Light Duty for MPO  
N-024-MP-5K-F30AQ/D Patchcords, 24 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, Dca

# URXQPMPHF

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|           |   |   |
|-----------|---|---|
|           |   | flame rating                                    |
| 860366210 | - | MPO12, ULTRA LOW LOSS, FEMALE, OM3/4, AQUA, 3mm |
| 860633307 | - | MPO8, ULTRA LOW LOSS, FEMALE, OM3/4, AQUA, 3mm  |



Product Classification

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

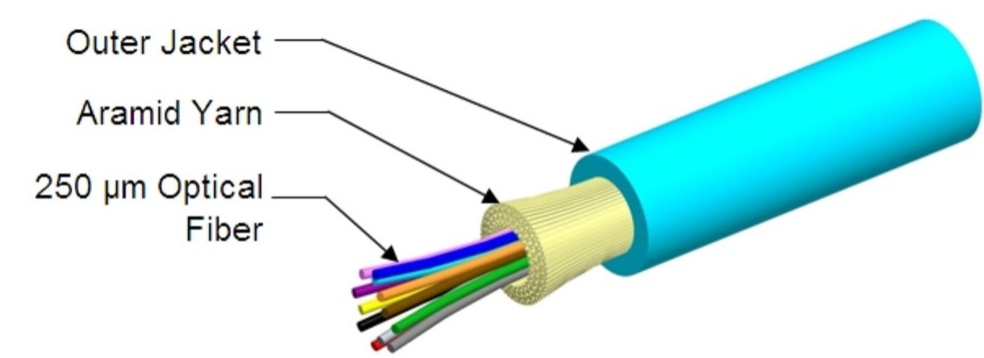
General Specifications

|                   |                 |
|-------------------|-----------------|
| Cable Type        | MPO trunk cable |
| Construction Type | Non-armored     |
| Subunit Type      | Gel-free        |
| Jacket Color      | Aqua            |
| Jacket Marking    | Feet            |
| Total Fiber Count | 24              |

Dimensions

|                      |                 |
|----------------------|-----------------|
| Diameter Over Jacket | 3 mm   0.118 in |
|----------------------|-----------------|

Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 45 mm   1.772 in                      |
| <b>Minimum Bend Radius, unloaded</b>     | 24 mm   0.945 in                      |
| <b>Tensile Load, long term, maximum</b>  | 100 N   22.481 lbf                    |
| <b>Tensile Load, short term, maximum</b> | 334 N   75.086 lbf                    |
| <b>Compression</b>                       | 4 N/mm   22.841 lb/in                 |
| <b>Compression Test Method</b>           | FOTP-41   IEC 60794-1 E3              |
| <b>Flex</b>                              | 300 cycles                            |
| <b>Flex Test Method</b>                  | FOTP-104   IEC 60794-1 E6             |
| <b>Impact</b>                            | 0.74 N-m   6.55 in lb                 |
| <b>Impact Test Method</b>                | FOTP-25   IEC 60794-1 E4              |
| <b>Strain</b>                            | See long and short term tensile loads |
| <b>Strain Test Method</b>                | FOTP-33   IEC 60794-1 E1              |
| <b>Twist</b>                             | 10 cycles                             |
| <b>Twist Test Method</b>                 | FOTP-85   IEC 60794-1 E7              |
| <b>Vertical Rise, maximum</b>            | 500 m   1,640.42 ft                   |

## Optical Specifications

|                   |   |
|-------------------|---|
| <b>Fiber Type</b> | OM4, LazrSPEED® 550   OM4, LazrSPEED® 550 |
|-------------------|---|

## Environmental Specifications

|   |   |
|---|---|
| <b>Installation temperature</b>                     | 0 °C to +60 °C (+32 °F to +140 °F)                          |
| <b>Operating Temperature</b>                        | 0 °C to +70 °C (+32 °F to +158 °F)                          |
| <b>Storage Temperature</b>                          | -40 °C to +70 °C (-40 °F to +158 °F)                        |
| <b>Cable Qualification Standards</b>                | ANSI/ICEA S-83-596   Telcordia GR-409                       |
| <b>EN50575 CPR Cable EuroClass Fire Performance</b> | Dca   |
| <b>EN50575 CPR Cable EuroClass Smoke Rating</b>     | s1a   |
| <b>EN50575 CPR Cable EuroClass Droplets Rating</b>  | d1  |
| <b>EN50575 CPR Cable EuroClass Acidity Rating</b>   | a1  |
| <b>Environmental Space</b>                          | Low Smoke Zero Halogen (LSZH)   Riser                       |
| <b>Flame Test Listing</b>                           | NEC OFNR-ST1 (ETL) and c(ETL)                               |
| <b>Flame Test Method</b>                            | 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 | 8.5 kg/km   5.712 lb/kft |
|--------------|--------------------------|

\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable



MPO12, ULTRA LOW LOSS, FEMALE, OM3/4, AQUA, 3mm

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       | Black          |
| Ferrule Geometry  | Flat           |
| Interface         | MPO/UPC Female |
| Interface Feature | Unpinned       |
| Total Fiber Count | 12             |

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 | 0.3 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               | 27 dB            |

Packaging and Weights

|                    |   |
|--------------------|---|
| Packaging quantity | 1 |
|--------------------|---|

Regulatory Compliance/Certifications

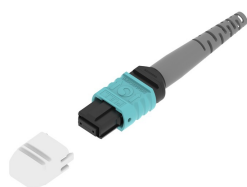
| Agency        | Classification   |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant/Exempted   |



\* 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) |





MPO8, ULTRA LOW LOSS, FEMALE, OM3/4, AQUA, 3mm

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 Female |
| Interface Feature | Unpinned       |
| Total Fiber Count | 8              |

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 | 0.3 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               | 27 dB  |

Packaging and Weights

|                    |   |
|--------------------|---|
| Packaging quantity | 1 |
|--------------------|---|

Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
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| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



\* 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) |