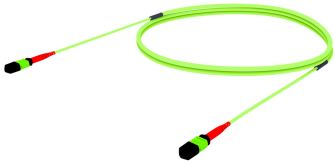


# UQV2X2XHF

## Base Product



Ultra Low Loss (ULL) OM5, MPO24 (Pinned) to MPO24 (Pinned), 24-Fiber, Plenum Patchcord

## Product Classification

|                              |                                                                                                                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Regional Availability</b> | Australia/New Zealand   Europe   Latin America   Middle East/Africa   North America                                                                                                                      |
| <b>Portfolio</b>             | CommScope®                                                                                                                                                                                               |
| <b>Product Type</b>          | Fiber array cable assembly                                                                                                                                                                               |
| <b>Product Brand</b>         | SYSTIMAX ULL                                                                                                                                                                                             |
| <b>Ordering Note</b>         | 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

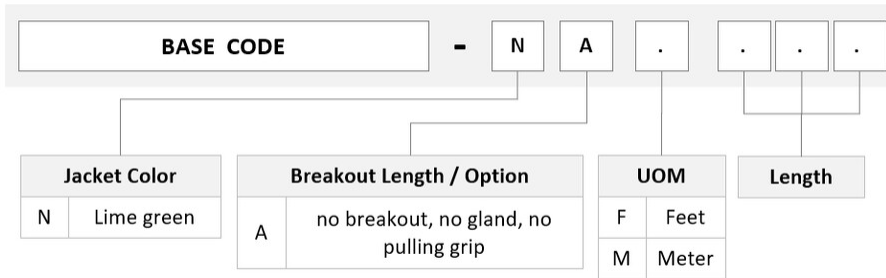
|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Color, boot A</b>                | Red                     |
| <b>Color, connector A</b>           | Lime green              |
| <b>Color, boot B</b>                | Red                     |
| <b>Color, connector B</b>           | Lime green              |
| <b>Construction Type</b>            | Stranded                |
| <b>Furcation Color</b>              | Lime green              |
| <b>Interface, Connector A</b>       | MPO-24/UPC Male         |
| <b>Interface, Connector B</b>       | MPO-24/UPC Male         |
| <b>Jacket Color</b>                 | Lime green              |
| <b>Polarity</b>                     | Method B Enhanced (ULL) |
| <b>Fibers per Subunit, quantity</b> | 24                      |
| <b>Total Fibers, quantity</b>       | 24                      |

## Dimensions

|                                         |          |
|-----------------------------------------|----------|
| <b>Cable Assembly Length Range (m)</b>  | 3 – 999  |
| <b>Cable Assembly Length Range (ft)</b> | 10 – 999 |

# UQV2X2XHF

## Ordering Tree



## Mechanical Specifications

**Cable Retention Strength, maximum** 11.24 lb @ 0 ° | 4.40 lb @ 90 °

## Optical Specifications

**Fiber Mode** Multimode

**Fiber Type** OM5, LazrSPEED®

## Environmental Specifications

**Operating Temperature** -10 °C to +60 °C (+14 °F to +140 °F)

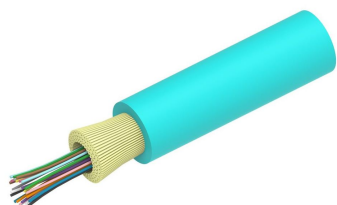
**Environmental Space** Indoor | Plenum

## Regulatory Compliance/Certifications

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

## Included Products

- |                                |                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 760235986<br>P-024-MP-5G-F36LM | - Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 24 fiber, Multimode OM5, Feet jacket marking, Lime green jacket color |
| 860634625                      | - LazrSPEED® Elite MPO Male 24 Fiber Connector, lime green                                                                                   |



Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 24 fiber, Multimode OM5, Feet jacket marking, Lime green jacket color

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East/Africa | North America

### Portfolio

CommScope®

### Product Type

Fiber indoor cable

### Product Series

P-MP

## General Specifications

### Cable Type

MPO trunk cable

### Construction Type

Non-armored

### Subunit Type

Gel-free

### Jacket Color

Lime green

### Jacket Marking

Feet

### Total Fiber Count

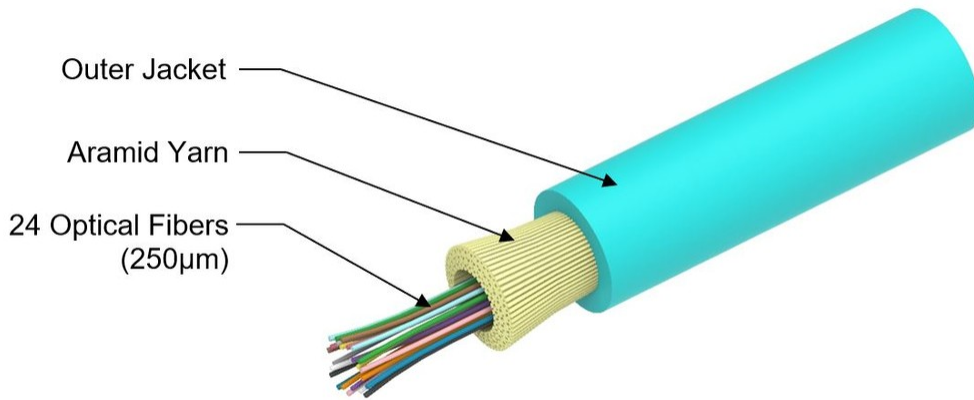
24

## Dimensions

### Diameter Over Jacket

3.6 mm | 0.142 in

## Representative Image



## Mechanical Specifications

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 54 mm   2.126 in                      |
| <b>Minimum Bend Radius, unloaded</b>     | 29 mm   1.142 in                      |
| <b>Tensile Load, long term, maximum</b>  | 120 N   26.977 lbf                    |
| <b>Tensile Load, short term, maximum</b> | 400 N   89.924 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> | OM5, LazrSPEED® wideband   OM5, LazrSPEED® wideband |
|-------------------|-----------------------------------------------------|

## Environmental Specifications

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Installation temperature</b> | 0 °C to +70 °C (+32 °F to +158 °F) |
| <b>Operating Temperature</b>    | 0 °C to +70 °C (+32 °F to +158 °F) |

# 760235986 | P-024-MP-5G-F36LM

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|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <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>Environmental Space</b>           | Plenum                                |
| <b>Flame Test Listing</b>            | NEC OFNP (ETL) and c(ETL)             |
| <b>Flame Test Method</b>             | NFPA 130   NFPA 262                   |

## Environmental Test Specifications

|                                      |                                    |
|--------------------------------------|------------------------------------|
| <b>Heat Age</b>                      | 0 °C to +85 °C (+32 °F to +185 °F) |
| <b>Heat Age Test Method</b>          | IEC 60794-1 F9                     |
| <b>Low High Bend</b>                 | 0 °C to +70 °C (+32 °F to +158 °F) |
| <b>Low High Bend Test Method</b>     | FOTP-37   IEC 60794-1 E11          |
| <b>Temperature Cycle</b>             | 0 °C to +70 °C (+32 °F to +158 °F) |
| <b>Temperature Cycle Test Method</b> | FOTP-3   IEC 60794-1 F1            |

## Packaging and Weights

|                     |                         |
|---------------------|-------------------------|
| <b>Cable weight</b> | 12 kg/km   8.064 lb/kft |
|---------------------|-------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                      |

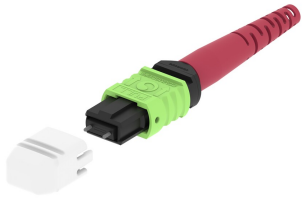


## \* Footnotes

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

# 860634625

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LazrSPEED® Elite MPO Male 24 Fiber Connector, lime green

## Product Classification

|                              |                                                                     |
|------------------------------|---------------------------------------------------------------------|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®                                                          |
| <b>Product Type</b>          | Fiber connector                                                     |
| <b>Product Brand</b>         | LazrSPEED®                                                          |

## General Specifications

|                          |              |
|--------------------------|--------------|
| <b>Color</b>             | Lime green   |
| <b>Color, boot</b>       | Red          |
| <b>Ferrule Geometry</b>  | Flat         |
| <b>Interface</b>         | MPO/UPC Male |
| <b>Interface Feature</b> | Pinned       |
| <b>Total Fiber Count</b> | 24           |

## Dimensions

|                                  |                    |
|----------------------------------|--------------------|
| <b>Length</b>                    | 60.1 mm   2.366 in |
| <b>Compatible Cable Diameter</b> | 3 mm   0.118 in    |

## Material Specifications

|                         |         |
|-------------------------|---------|
| <b>Ferrule Material</b> | Polymer |
|-------------------------|---------|

## Mechanical Specifications

|                                          |                |
|------------------------------------------|----------------|
| <b>Cable Retention Strength, maximum</b> | 11.24 lb @ 0 ° |
|------------------------------------------|----------------|

## Optical Specifications

|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Fiber Mode</b>                    | Multimode                |
| <b>Fiber Type</b>                    | OM5, LazrSPEED® wideband |
| <b>Insertion Loss Change, mating</b> | 0.3 dB                   |
| <b>Optical Components Standard</b>   | ANSI/TIA-568-C.3         |

# 860634625

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|                                           |         |
|-------------------------------------------|---------|
| <b>Insertion Loss Change, temperature</b> | 0.3 dB  |
| <b>Insertion Loss, maximum</b>            | 0.27 dB |
| <b>Insertion Loss, ULL, maximum</b>       | 0.2 dB  |
| <b>Return Loss, minimum</b>               | 27 dB   |

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Regulatory Compliance/Certifications

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



## \* Footnotes

|                                           |                                                                         |
|-------------------------------------------|-------------------------------------------------------------------------|
| <b>Insertion Loss Change, mating</b>      | TIA-568: Maximum insertion loss change after 500 matings                |
| <b>Insertion Loss Change, temperature</b> | Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F) |