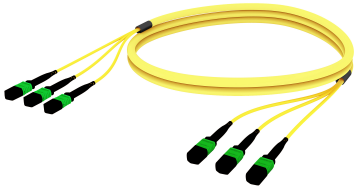


# UKGMXXMAG



Ultra Low Loss (ULL) Singlemode MPO12 (Pinned) to MPO12 (Pinned), Fiber Trunk Cable Assembly, 36-Fiber, Low Smoke Zero Halogen

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America   |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber trunk cable assembly  |
| <b>Product Brand</b>         | SYSTIMAX ULL  |
| <b>Ordering Note</b>         | For lengths greater than 999 ft (304 m), orders must be in meters   Minimum length may vary based on cable configuration   Not available in the United States or Canada |

## General Specifications

|                                       |                         |
|---------------------------------------|-------------------------|
| <b>Connector A, quantity</b>          | 3                       |
| <b>Color, boot A</b>                  | Black                   |
| <b>Color, connector A</b>             | Green                   |
| <b>Connector B, quantity</b>          | 3                       |
| <b>Color, boot B</b>                  | Black                   |
| <b>Color, connector B</b>             | Green                   |
| <b>Construction Type</b>              | Armored   Stranded      |
| <b>Furcation Color</b>                | Yellow                  |
| <b>Interface, Connector A</b>         | MPO-12/APC Male         |
| <b>Interface Feature, connector A</b> | Pinned                  |
| <b>Interface, Connector B</b>         | MPO-12/APC Male         |
| <b>Interface Feature, connector B</b> | Pinned                  |
| <b>Jacket Color</b>                   | Yellow                  |
| <b>Polarity</b>                       | Method B Enhanced (ULL) |
| <b>Fibers per Subunit, quantity</b>   | 12                      |
| <b>Total Fibers, quantity</b>         | 36                      |

## Dimensions

|                        |       |
|------------------------|-------|
| <b>Breakout Length</b> | 33 in |
|------------------------|-------|

# UKGMXXMAG

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**Cable Assembly Length Range (m)** 3 – 999

**Cable Assembly Length Range (ft)** 10 – 999

## Mechanical Specifications

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

## Optical Specifications

**Fiber Mode** Singlemode

**Fiber Type** G.657.A2, TeraSPEED®

## Environmental Specifications

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

**Environmental Space** Dual Rated LSZH/Riser

## Included Products

860638317 – MP012, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 3mm

# 860638317

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MPO12, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 3mm

## 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>         | TeraSPEED®  |

## General Specifications

|                          |              |
|--------------------------|--------------|
| <b>Color</b>             | Green        |
| <b>Color, boot</b>       | Black        |
| <b>Ferrule Geometry</b>  | Angled       |
| <b>Interface</b>         | MPO/APC Male |
| <b>Interface Feature</b> | Pinned       |
| <b>Total Fiber Count</b> | 12           |

## 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 ° |
| <b>Mechanical Components Standard</b>    | IEC 61754-7    |

## Optical Specifications

|   |  |
|---|--|
| <b>Fiber Mode</b>                         | Singlemode                             |
| <b>Fiber Type</b>                         | G.652.D and G.657.A1, TeraSPEED®   OS2 |
| <b>Insertion Loss Change, mating</b>      | 0.3 dB                                 |
| <b>Optical Components Standard</b>        | ANSI/TIA-568-C.3                       |
| <b>Insertion Loss Change, temperature</b> | 0.3 dB                                 |
| <b>Insertion Loss, maximum</b>            | 0.35 dB                                |

# 860638317

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**Return Loss, minimum** 65 dB

## Packaging and Weights

**Packaging quantity** 1

## 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

**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)