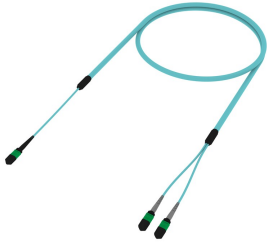


# URXRVQV7R

## Base Product



Ultra Low Loss (ULL) OM4, 1X2, MPO16 Multimode APC (Non-Pinned) to MPO8 Multimode APC (Non-Pinned), 16-Fiber, Conversion Array, LSZH

## Product Classification

|                              |  |
|------------------------------|--|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   China   Europe   India   Latin America   Middle East/Africa   North America   |
| <b>Portfolio</b>             | CommScope®   |
| <b>Product Type</b>          | Fiber conversion array cable assembly  |
| <b>Product Brand</b>         | Propel   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

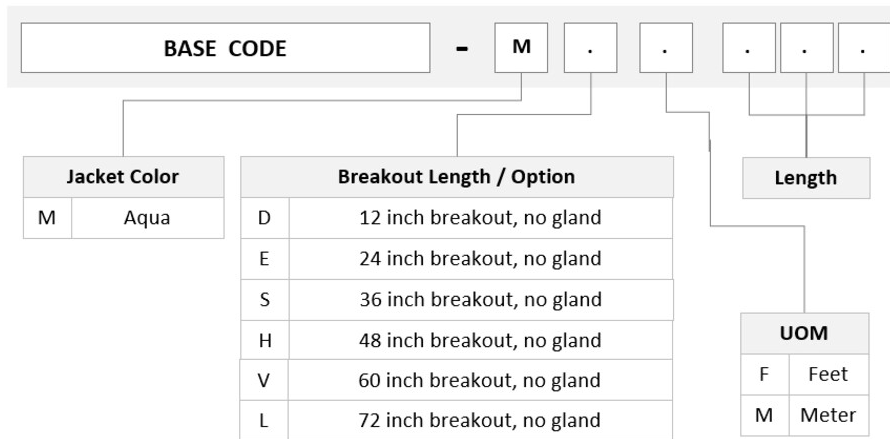
|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Connector A, quantity</b>        | 1                       |
| <b>Color, boot A</b>                | Black                   |
| <b>Color, connector A</b>           | Green                   |
| <b>Connector B, quantity</b>        | 2                       |
| <b>Color, boot B</b>                | Gray                    |
| <b>Color, connector B</b>           | Green                   |
| <b>Construction Type</b>            | Stranded                |
| <b>Furcation Color</b>              | Aqua                    |
| <b>Interface, Connector A</b>       | MPO-16/APC Female       |
| <b>Interface, Connector B</b>       | MPO-08/APC Female       |
| <b>Jacket Color</b>                 | Aqua                    |
| <b>Polarity</b>                     | Method B Enhanced (ULL) |
| <b>Fibers per Subunit, quantity</b> | 16                      |
| <b>Total Fibers, quantity</b>       | 16                      |

## Dimensions

# URXRQV7R

|   |   |
|---|---|
| <b>Breakout Length</b>                  | 12 in   24 in   36 in   48 in   60 in   72 in |
| <b>Cable Assembly Length Range (m)</b>  | 1 – 305                                       |
| <b>Cable Assembly Length Range (ft)</b> | 3 – 999                                       |

## Ordering Tree



## Mechanical Specifications

|  |                               |
|--|-------------------------------|
| <b>Cable Retention Strength, maximum</b> | 11.24 lb @ 0°   4.40 lb @ 90° |
|--|-------------------------------|

## Optical Specifications

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

## Environmental Specifications

|                              |  |
|------------------------------|--|
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F)   |
| <b>Environmental Space</b>   | Indoor   Low Smoke Zero Halogen (LSZH) |

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| 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   |

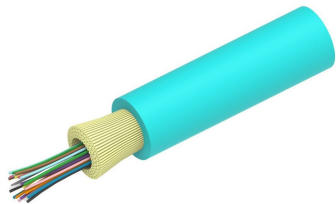
# URXRVQV7R

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## Included Products

- 760251055  
N-016-MP-5K-F30AQ/D – Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Light Duty for MPO Patchcords, 16 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, Dca flame rating
- 860659159 – Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, non-pinned, green, for 3 mm cable



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Light Duty for MPO Patchcords, 16 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, Dca flame rating

## Product Classification

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

## General Specifications

|                          |                 |
|--------------------------|-----------------|
| <b>Cable Type</b>        | MPO trunk cable |
| <b>Construction Type</b> | Non-armored     |
| <b>Subunit Type</b>      | Gel-free        |
| <b>Jacket Color</b>      | Aqua            |
| <b>Jacket Marking</b>    | Feet            |
| <b>Total Fiber Count</b> | 16              |

## Dimensions

|                             |                 |
|-----------------------------|-----------------|
| <b>Diameter Over Jacket</b> | 3 mm   0.118 in |
|-----------------------------|-----------------|

## 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>  | 80 N   17.985 lbf        |
| <b>Tensile Load, short term, maximum</b> | 267 N   60.024 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               |

# 760251055 | N-016-MP-5K-F30AQ/D

|                               |                                       |
|-------------------------------|---------------------------------------|
| <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 |
|-------------------|---------------------|

## 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>  | d0  |
| <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

|                                      |                                    |
|--------------------------------------|------------------------------------|
| <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            |

# 760251055 | N-016-MP-5K-F30AQ/D

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## Packaging and Weights

### Cable weight

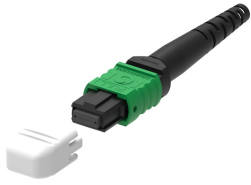
8.8 kg/km | 5.913 lb/kft

### \* Footnotes

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

# 860659159

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Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, non-pinned, green, for 3 mm cable

## 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>             | Green          |
| <b>Color, boot</b>       | Black          |
| <b>Ferrule Geometry</b>  | Angled         |
| <b>Interface</b>         | MPO/APC Female |
| <b>Interface Feature</b> | Unpinned       |
| <b>Total Fiber Count</b> | 16             |

## 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>                    | OM3   OM4        |
| <b>Insertion Loss Change, mating</b> | 0.3 dB           |
| <b>Optical Components Standard</b>   | ANSI/TIA-568-C.3 |

# 860659159

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**Insertion Loss Change, temperature** 0.3 dB

**Insertion Loss, maximum** 0.2 dB

## Packaging and Weights

**Packaging quantity** 1

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| 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)