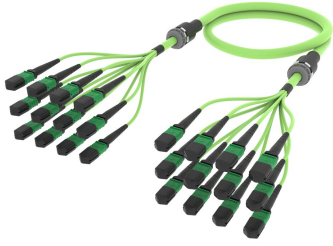


# UKVRZRZ8N

## Base Product



Ultra Low Loss (ULL) OM5 MPO16 APC (pinned) to MPO16 APC (pinned), Fiber Trunk Cable Assembly, 192-Fiber, Armored Indoor Dual Rated (OFNR/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 trunk 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>        | 12                      |
| <b>Color, boot A</b>                | Black                   |
| <b>Color, connector A</b>           | Green                   |
| <b>Connector B, quantity</b>        | 12                      |
| <b>Color, boot B</b>                | Black                   |
| <b>Color, connector B</b>           | Green                   |
| <b>Construction Type</b>            | Armored   Stranded      |
| <b>Furcation Color</b>              | Lime green              |
| <b>Interface, Connector A</b>       | MPO-16/APC Male         |
| <b>Interface, Connector B</b>       | MPO-16/APC Male         |
| <b>Jacket Color</b>                 | Lime green              |
| <b>Polarity</b>                     | Method B Enhanced (ULL) |
| <b>Fibers per Subunit, quantity</b> | 16                      |
| <b>Total Fibers, quantity</b>       | 192                     |

## Dimensions

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|   |          |
|---|----------|
| <b>Breakout Length</b>                  | 22 in    |
| <b>Cable Assembly Length Range (m)</b>  | 3 – 305  |
| <b>Cable Assembly Length Range (ft)</b> | 10 – 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> | OM5, LazrSPEED® |

## Environmental Specifications

|   |                                      |
|---|--------------------------------------|
| <b>Operating Temperature</b>                        | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>EN50575 CPR Cable EuroClass Fire Performance</b> | Dca                                  |
| <b>Environmental Space</b>                          | Dual Rated LSZH/Riser   Indoor       |

## Regulatory Compliance/Certifications

| 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant/Exempted   |

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UK-ROHS

Compliant/Exempted



## Included Products

- 760256216  
N-192-MZ-5G-F16LM/30T/B2 – Fiber indoor cable, Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, OM5 multimode, 192 fiber, Feet jacket marking, Lime green jacket color, B2ca flame rating
- 860659158 – Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, pinned, green, for 3 mm cable



Fiber indoor cable, Riser/LSZH rated, MPO Trunk, interlocking aluminum armored, OM5 multi-mode, 192 fiber, Feet jacket marking, Lime green jacket color, B2ca 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-MZ  |

## General Specifications

|                                     |                       |
|-------------------------------------|-----------------------|
| <b>Armor Type</b>                   | Interlocking aluminum |
| <b>Cable Type</b>                   | MPO trunk cable       |
| <b>Construction Type</b>            | Armored               |
| <b>Subunit Type</b>                 | Gel-free              |
| <b>Jacket Color</b>                 | Lime green            |
| <b>Jacket Marking</b>               | Feet                  |
| <b>Subunit, quantity</b>            | 12                    |
| <b>Fibers per Subunit, quantity</b> | 16                    |
| <b>Total Fiber Count</b>            | 192                   |

## Dimensions

|                                     |                    |
|-------------------------------------|--------------------|
| <b>Buffer Tube/Subunit Diameter</b> | 3 mm   0.118 in    |
| <b>Diameter Over Armor</b>          | 22.2 mm   0.874 in |
| <b>Diameter Over Jacket</b>         | 24.3 mm   0.957 in |

## Mechanical Specifications

|                                      |                    |
|--------------------------------------|--------------------|
| <b>Minimum Bend Radius, loaded</b>   | 364 mm   14.331 in |
| <b>Minimum Bend Radius, unloaded</b> | 243 mm   9.567 in  |

# 760256216 | N-192-MZ-5G-F16LM/30T/B2

|  |                                       |
|--|---------------------------------------|
| <b>Tensile Load, long term, maximum</b>  | 400 N   89.924 lbf                    |
| <b>Tensile Load, short term, maximum</b> | 1335 N   300.12 lbf                   |
| <b>Compression</b>                       | 85 N/mm   485.363 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>                            | 35 N-m   309.776 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>            | 98 m   321.522 ft                     |

## Optical Specifications

|                   |                          |
|-------------------|--------------------------|
| <b>Fiber Type</b> | 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 +60 °C (+32 °F to +140 °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> | B2ca  |
| <b>EN50575 CPR Cable EuroClass Smoke Rating</b>     | s2  |
| <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 OFCR-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                     |

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**Low High Bend** 0 °C to +60 °C (+32 °F to +140 °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** 419 kg/km | 281.555 lb/kft

## \* Footnotes

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

# 860659158

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Fiber Optic Connector Kit, multimode, OM3/OM4, MPO-16/APC, ULL, 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 Male |
| <b>Interface Feature</b> | Pinned       |
| <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 |

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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  |
| 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)