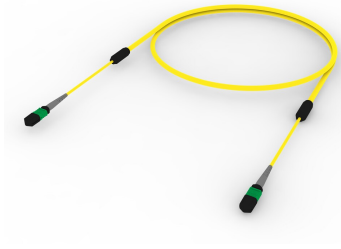


# UGGQXQXT8

## Base Product



Ultra Low Loss (ULL) Singlemode MPO8 (Pinned) to MPO8 (Pinned), Fiber Trunk Cable Assembly, 8-Fiber, Plenum

## 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

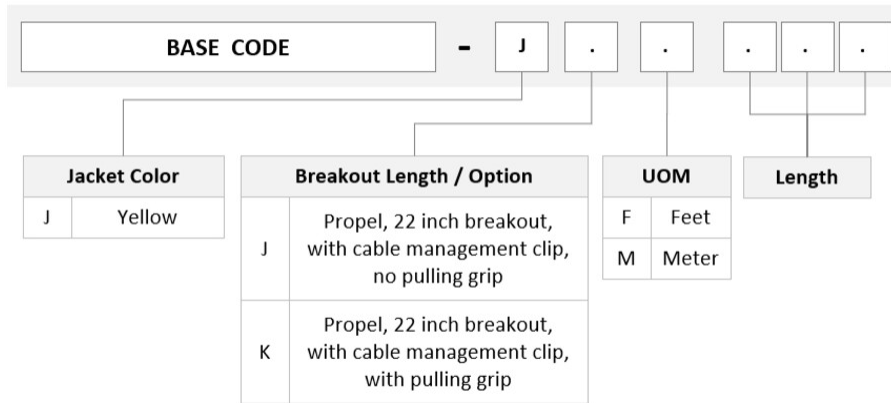
|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Connector A, quantity</b>        | 1                       |
| <b>Color, boot A</b>                | Gray                    |
| <b>Color, connector A</b>           | Green                   |
| <b>Connector B, quantity</b>        | 1                       |
| <b>Color, boot B</b>                | Gray                    |
| <b>Color, connector B</b>           | Green                   |
| <b>Construction Type</b>            | Stranded                |
| <b>Furcation Color</b>              | Yellow                  |
| <b>Interface, Connector A</b>       | MPO-08/APC Male         |
| <b>Interface, Connector B</b>       | MPO-08/APC Male         |
| <b>Jacket Color</b>                 | Yellow                  |
| <b>Polarity</b>                     | Method B Enhanced (ULL) |
| <b>Fibers per Subunit, quantity</b> | 8                       |
| <b>Total Fibers, quantity</b>       | 8                       |

## Dimensions

# UGGQXQXT8

|   |          |
|---|----------|
| <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> | Singlemode           |
| <b>Fiber Type</b> | G.657.A2, TeraSPEED® |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Environmental Space</b>   | Indoor   Plenum                      |

## Regulatory Compliance/Certifications

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

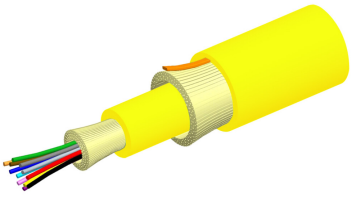


# UGGQXQXT8

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## Included Products

- 760245562  
P-008-MP-8G1-F08YL/20T – Fiber indoor cable, Plenum MPO Trunk, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color
- 860659022 – MPO-08, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm



Fiber indoor cable, Plenum MPO Trunk, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

## Product Classification

|                              |  |
|------------------------------|--|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   Latin America   Middle East /Africa   North America |
| <b>Portfolio</b>             | CommScope®   |
| <b>Product Type</b>          | Fiber indoor cable   |
| <b>Product Series</b>        | P-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>                 | Yellow          |
| <b>Jacket Marking</b>               | Feet            |
| <b>Subunit, quantity</b>            | 1               |
| <b>Fibers per Subunit, quantity</b> | 8               |
| <b>Total Fiber Count</b>            | 8               |

## Dimensions

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Buffer Tube/Subunit Diameter</b> | 2 mm   0.079 in   |
| <b>Diameter Over Jacket</b>         | 5.2 mm   0.205 in |

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 79 mm   3.11 in                       |
| <b>Minimum Bend Radius, unloaded</b>     | 52 mm   2.047 in                      |
| <b>Tensile Load, long term, maximum</b>  | 133 N   29.9 lbf                      |
| <b>Tensile Load, short term, maximum</b> | 445 N   100.04 lbf                    |
| <b>Compression</b>                       | 10 N/mm   57.101 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>            | 417 m   1,368.11 ft                   |

## Optical Specifications

|                   |                           |
|-------------------|---------------------------|
| <b>Fiber Type</b> | G.657.A2/B2   G.657.A2/B2 |
|-------------------|---------------------------|

## 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) |

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <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> | 33 kg/km   22.175 lb/kft |
|---------------------|--------------------------|

## Regulatory Compliance/Certifications

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

## \* Footnotes

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

# 860659022

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MPO-08, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm

## 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> | 8            |

## Dimensions

|                                  |                 |
|----------------------------------|-----------------|
| <b>Compatible Cable Diameter</b> | 2 mm   0.079 in |
|----------------------------------|-----------------|

## Material Specifications

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

## Optical Specifications

|                                     |                  |
|-------------------------------------|------------------|
| <b>Fiber Mode</b>                   | Singlemode       |
| <b>Fiber Type</b>                   | G.657.A2         |
| <b>Optical Components Standard</b>  | ANSI/TIA-568-C.3 |
| <b>Insertion Loss, ULL, typical</b> | 0.35 dB          |
| <b>Return Loss, minimum</b>         | 65 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 [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

