

# PPLURG8LCUC8



Propel ULL Singlemode Cabled Module, 1x8 duplex LC Propel module on End A to Stub on End B, 8 fiber LSZH Patchcord, Method B Enhanced

- This component requires 2 of the 12 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method B Enhanced polarity
- End A module can be installed from rear of panel
- Serialized QR code provides easy access to factory optical test results

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America                   |
| <b>Portfolio</b>             | SYSTIMAX®   |
| <b>Product Type</b>          | Fiber cabled module   |
| <b>Product Brand</b>         | Propel  |
| <b>Product Series</b>        | PPL   |
| <b>Ordering Note</b>         | Modules with patch cord cable are single subunit, and have no additional outer jacket |

## General Specifications

|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Configuration Type</b>           | PROPEL Module to Stub   |
| <b>Cable Color</b>                  | Yellow                  |
| <b>Cable Type</b>                   | Patch cord LSZH         |
| <b>Interface, front</b>             | LC/UPC                  |
| <b>Interface Feature, front</b>     | Duplex   Shuttered      |
| <b>Interface Color, front</b>       | Blue                    |
| <b>Interface, rear</b>              | Stub                    |
| <b>Module Size, end A</b>           | 8 fiber                 |
| <b>Module Quantity, end A</b>       | 1                       |
| <b>Polarity</b>                     | Method B Enhanced (ULL) |
| <b>Total Fibers, quantity</b>       | 8                       |
| <b>Total Ports, quantity, front</b> | 4                       |

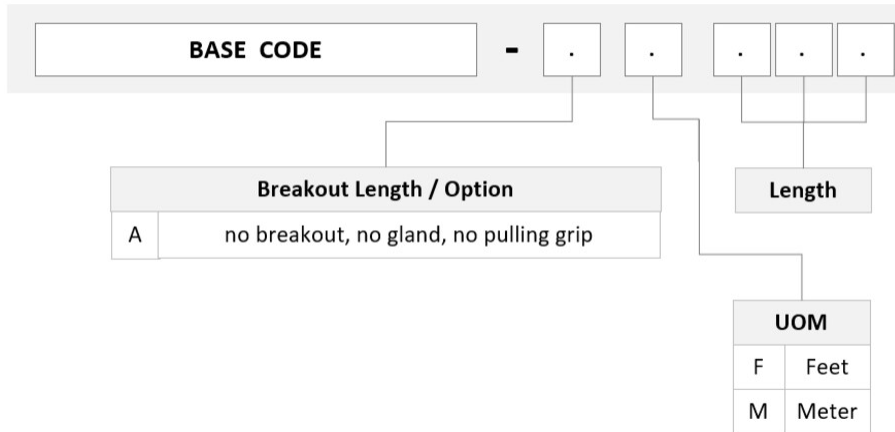
## Dimensions

|               |                   |
|---------------|-------------------|
| <b>Height</b> | 11 mm   0.433 in  |
| <b>Width</b>  | 131 mm   5.157 in |

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|   |                   |
|---|-------------------|
| <b>Depth</b>                            | 170 mm   6.693 in |
| <b>Breakout Length, end B</b>           | 0 in              |
| <b>Cable Assembly Length Range (m)</b>  | 1 – 400           |
| <b>Cable Assembly Length Range (ft)</b> | 2 – 999           |

## Ordering Tree



## Optical Specifications

|                                |            |
|--------------------------------|------------|
| <b>Fiber Mode</b>              | Singlemode |
| <b>Fiber Type</b>              | OS2        |
| <b>Insertion Loss, maximum</b> | 0.6 dB     |

## Environmental Specifications

|                                |                           |
|--------------------------------|---------------------------|
| <b>Qualification Standards</b> | IEC 61753-1   TIA-568.3-D |
| <b>Safety Standard</b>         | c-UL-us                   |

## Packaging and Weights

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

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>             |
|---------------|-----------------------------------|
| CHINA-ROHS    | Above maximum concentration value |
| ROHS          | Compliant/Exempted                |
| UK-ROHS       | Compliant/Exempted                |

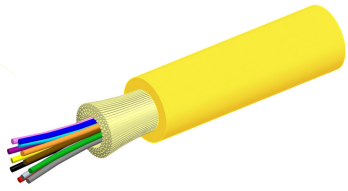
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## Included Products

- 760253739 - Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber
- N-008-MP-8G1-F20YL/E



Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber

## 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  |

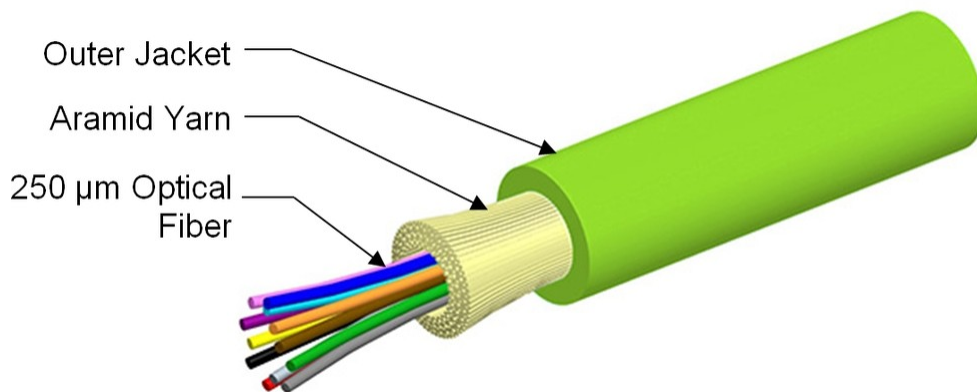
## General Specifications

|                          |                 |
|--------------------------|-----------------|
| <b>Cable Type</b>        | MPO trunk cable |
| <b>Construction Type</b> | Non-armored     |
| <b>Subunit Type</b>      | Gel-free        |
| <b>Jacket Color</b>      | Yellow          |
| <b>Jacket Marking</b>    | Feet            |
| <b>Total Fiber Count</b> | 8               |

## Dimensions

|                            |                 |
|----------------------------|-----------------|
| <b>Diameter Over Armor</b> | 2 mm   0.079 in |
|----------------------------|-----------------|

## Representative Image



## Mechanical Specifications

|  |                                       |
|--|---------------------------------------|
| <b>Minimum Bend Radius, loaded</b>       | 38 mm   1.496 in                      |
| <b>Minimum Bend Radius, unloaded</b>     | 16 mm   0.63 in                       |
| <b>Tensile Load, long term, maximum</b>  | 33 N   7.419 lbf                      |
| <b>Tensile Load, short term, maximum</b> | 111 N   24.954 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> | 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> | Eca   |
| <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                     |

# 760253739 | N-008-MP-8G1-F20YL/E

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|                                      |                                    |
|--------------------------------------|------------------------------------|
| <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> | 3.7 kg/km   2.486 lb/kft |
|---------------------|--------------------------|

## \* Footnotes

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