# PPLUJGRSNUCQ

## Propel ULL Singlemode Cabled Module, 8x16 duplex SN Propel module on End A to stub on End B, 128 fiber LSZH Trunk, Method B Enhanced

- This component requires 4 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

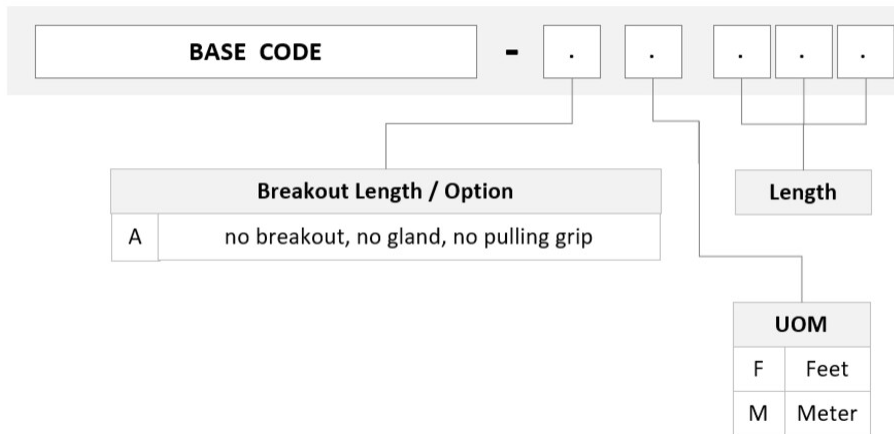| | |
|---|---|
| **Regional Availability** | Asia  |  Australia/New Zealand  |  EMEA  |  Latin America  |  North America |
| **Portfolio** | SYSTIMAX® |
| **Product Type** | Fiber cabled module |
| **Product Brand** | Propel |
| **Product Series** | PPL |
| **Ordering Note** | For lengths greater than 999 ft (304 m), orders must be in meters  |  Maximum length is 400 meters |

## General Specifications

| | |
|---|---|
| **Configuration Type** | PROPEL Module to Stub |
| **Cable Color** | Yellow |
| **Cable Type** | Trunk Cable - LSZH |
| **Interface, front** | SN/UPC |
| **Interface Feature, front** | Duplex  |  Shuttered |
| **Interface Color, front** | Blue |
| **Interface, rear** | Stub |
| **Module Size, end A** | 8 fiber |
| **Module Size, end B** | 8 fiber |
| **Module Quantity, end A** | 8 |
| **Module Quantity, end B** | 8 |
| **Polarity** | Method B Enhanced (ULL) |
| **Total Fibers, quantity** | 128 |
| **Total Ports, quantity, front** | 64 |

## Dimensions

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| | |
|---|---|
| **Height** | 11 mm  \|  0.433 in |
| **Width** | 65 mm  \|  2.559 in |
| **Depth** | 170 mm  \|  6.693 in |
| **Breakout Length, end B** | 0 in |
| **Cable Assembly Length Range (m)** | 1 – 400 |
| **Cable Assembly Length Range (ft)** | 2 – 999 |

## Ordering Tree



## Optical Specifications

| | |
|---|---|
| **Fiber Mode** | Singlemode |
| **Fiber Type** | OS2 |
| **Insertion Loss, maximum** | 0.6 dB |

## Environmental Specifications

| | |
|---|---|
| **Qualification Standards** | IEC 61753-1   \|   TIA-568.3-D |
| **Safety Standard** | c-UL-us |

## Packaging and Weights

| | |
|---|---|
| **Packaging quantity** | 1 |

## Regulatory Compliance/Certifications

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

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| | |
|---|---|
| CHINA-ROHS | Above maximum concentration value |
| ROHS | Compliant/Exempted |
| UK-ROHS | Compliant/Exempted |

## Included Products

| | | |
|---|---|---|
| 760251078<br>N-128-MP-8G1-F16YL/30T/B2 | – | Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 128 fiber with 16-fiber 3.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating |

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# 760251078   |   N-128-MP-8G1-F16YL/30T/B2

Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 128 fiber with 16-fiber 3.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

## Product Classification

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

## General Specifications

| | |
|---|---|
| **Cable Type** | MPO trunk cable |
| **Construction Type** | Non-armored |
| **Subunit Type** | Gel-free |
| **Jacket Color** | Yellow |
| **Jacket Marking** | Feet |
| **Subunit, quantity** | 8 |
| **Fibers per Subunit, quantity** | 16 |
| **Total Fiber Count** | 128 |

## Dimensions

| | |
|---|---|
| **Buffer Tube/Subunit Diameter** | 3 mm   |   0.118 in |
| **Diameter Over Jacket** | 13.8 mm   |   0.543 in |

## Representative Image

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## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 208 mm  \|  8.189 in |
| **Minimum Bend Radius, unloaded** | 138 mm  \|  5.433 in |
| **Tensile Load, long term, maximum** | 400 N  \|  89.924 lbf |
| **Tensile Load, short term, maximum** | 1335 N  \|  300.12 lbf |
| **Compression** | 10 N/mm  \|  57.101 lb/in |
| **Compression Test Method** | FOTP-41  \|  IEC 60794-1 E3 |
| **Flex** | 25 cycles |
| **Flex Test Method** | FOTP-104  \|  IEC 60794-1 E6 |
| **Impact** | 2.94 N-m  \|  26.021 in lb |
| **Impact Test Method** | FOTP-25  \|  IEC 60794-1 E4 |
| **Strain** | See long and short term tensile loads |
| **Strain Test Method** | FOTP-33  \|  IEC 60794-1 E1 |
| **Twist** | 10 cycles |
| **Twist Test Method** | FOTP-85  \|  IEC 60794-1 E7 |
| **Vertical Rise, maximum** | 217 m  \|  711.942 ft |

## Optical Specifications

| | |
|---|---|
| **Fiber Type** | G.657.A2/B2 |

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +50 °C (+32 °F to +122 °F) |
| **Operating Temperature** | 0 °C to +60 °C (+32 °F to +140 °F) |

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# 760251078   |   N-128-MP-8G1-F16YL/30T/B2

| | |
|---|---|
| **Storage Temperature** | -40 °C to +60 °C (-40 °F to +140 °F) |
| **Cable Qualification Standards** | ANSI/ICEA S-83-596   |   Telcordia GR-409 |
| **EN50575 CPR Cable EuroClass Fire Performance** | B2ca |
| **EN50575 CPR Cable EuroClass Smoke Rating** | s1a |
| **EN50575 CPR Cable EuroClass Droplets Rating** | d2 |
| **EN50575 CPR Cable EuroClass Acidity Rating** | a1 |
| **Environmental Space** | Low Smoke Zero Halogen (LSZH) |
| **Flame Test Method** | IEC 60754-2   |   IEC 61034-2 |

## Environmental Test Specifications

| | |
|---|---|
| **Heat Age** | 0 °C to +85 °C (+32 °F to +185 °F) |
| **Heat Age Test Method** | IEC 60794-1 F9 |
| **Low High Bend** | 0 °C to +70 °C (+32 °F to +158 °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** | 188 kg/km   |   126.33 lb/kft |

## * Footnotes

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

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