

# PPLUGGFLC2PH

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Propel ULL Singlemode Cabled Module, 2x2f duplex LC Propel module on End A to 1x24f MPO /UPC non-pinned on End B, 48 fiber Plenum Trunk, Method B Enhanced

- This component requires 6 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>         | For lengths greater than 999 ft (304 m), orders must be in meters   Maximum length is 400 meters |

## General Specifications

|                                     |                                |
|-------------------------------------|--------------------------------|
| <b>Configuration Type</b>           | PROPEL Module to MPO Connector |
| <b>Cable Color</b>                  | Yellow                         |
| <b>Cable Type</b>                   | Trunk Cable - Plenum           |
| <b>Interface, front</b>             | LC/UPC                         |
| <b>Interface Feature, front</b>     | Duplex   Shuttered             |
| <b>Interface Color, front</b>       | Blue                           |
| <b>Interface, rear</b>              | MPO-24/UPC Female              |
| <b>Interface Feature, rear</b>      | Key up/up   Unpinned           |
| <b>Module Size, end A</b>           | 24 fiber                       |
| <b>Module Size, end B</b>           | 24 fiber                       |
| <b>Module Quantity, end A</b>       | 2                              |
| <b>Module Quantity, end B</b>       | 2                              |
| <b>Polarity</b>                     | Method B Enhanced (ULL)        |
| <b>Total Fibers, quantity</b>       | 48                             |
| <b>Total Ports, quantity, front</b> | 24                             |

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## Dimensions

|                                         |                                                        |
|-----------------------------------------|--------------------------------------------------------|
| <b>Height</b>                           | 11 mm   0.433 in                                       |
| <b>Width</b>                            | 196 mm   7.717 in                                      |
| <b>Depth</b>                            | 170 mm   6.693 in                                      |
| <b>Breakout Length, end B</b>           | 12 in   120 in   33 in   36 in   48 in   60 in   72 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 |
|---------------------------|---|

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## 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                                                                                                                      |



## Included Products

760240267 – Plenum MPO Trunk Cable, 48 fiber with 24 fiber subunits  
P-048-MP-8G-F24YL