

PPLA3GFSN2PL

Propel ULL Singlemode Cabled Module, 4x2f duplex SN Propel module on End A to 4x24 on End B, 96 fiber B2ca Trunk, Method A

- This component requires 6 of the 12 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method A 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 MPO Connector |
| Cable Color | Yellow |
| Cable Type | Trunk Cable - LSZH Class B2ca |
| Interface, front | SN/UPC |
| Interface Feature, front | Duplex Shuttered |
| Interface Color, front | Blue |
| Interface, rear | MPO-24/UPC Female |
| Interface Feature, rear | Key up/down Unpinned |
| Module Size, end A | 16 fiber |
| Module Size, end B | 16 fiber |
| Module Quantity, end A | 4 |
| Module Quantity, end B | 4 |
| Polarity | Method A |
| Total Fibers, quantity | 96 |
| Total Ports, quantity, front | 48 |

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Dimensions

| | |
|-----------------------------------------|--------------------------------------------------------|
| Height | 11 mm 0.433 in |
| Width | 131 mm 5.157 in |
| Depth | 170 mm 6.693 in |
| Breakout Length, end B | 12 in 120 in 33 in 36 in 48 in 60 in 72 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 |
|---------------------------|---|

PPLA3GFSN2PL

Regulatory Compliance/Certifications

| Agency | Classification |
|------------|--------------------------------------------------------------------------------------------------------------------------------|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



Included Products

| | | |
|----------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 760255395 N-096-MP-8G1-F24YL/30T/B2 | – | Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber with 24-fiber, 3.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating |
|----------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

760255395 | N-096-MP-8G1-F24YL/30T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber with 24-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

4

Fibers per Subunit, quantity

24

Total Fiber Count

96

Dimensions

Buffer Tube/Subunit Diameter

3 mm | 0.118 in

Diameter Over Jacket

10.6 mm | 0.417 in

Representative Image



Mechanical Specifications

| | |
|------------------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded | 159 mm 6.26 in |
| Minimum Bend Radius, unloaded | 106 mm 4.173 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 | 398 m 1,305.774 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) |

760255395 | N-096-MP-8G1-F24YL/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 | 103 kg/km 69.213 lb/kft |
|---------------------|---------------------------|

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable