PPLA3GRLCRPN

Propel ULL Singlemode Cabled Module, 12x16 duplex LC Propel module on End A to 1x16f MPO /APC non-pinned Singlemode on End B, 192 fiber B2ca Trunk, Method A

- This component requires 4 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 ColorYellow

Cable TypeTrunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Blue

Interface, rear MPO-16/APC Female

Interface Feature, rear Key up/down | Unpinned

Module Size, end A16 fiberModule Size, end B16 fiberModule Quantity, end A12Module Quantity, end B12

Polarity Method A

Total Fibers, quantity 192

Total Ports, quantity, front 96



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Dimensions

 Height
 11 mm | 0.433 in

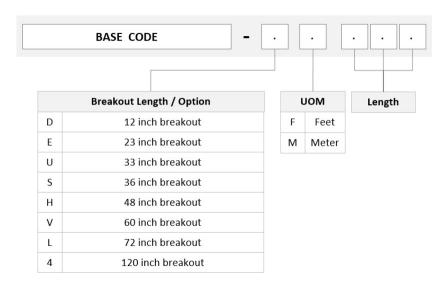
 Width
 131 mm | 5.157 in

 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

COMMSC PE®

PPLA3GRLCRPN

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

760251080 N-192-MP-8G1-F16YL/30T/B2 Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 16-fiber, 3.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

760251080 | N-192-MP-8G1-F16YL/30T/B2



Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 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

Feet

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

Subunit, quantity 12

Fibers per Subunit, quantity 16

Total Fiber Count 192

Dimensions

Jacket Marking

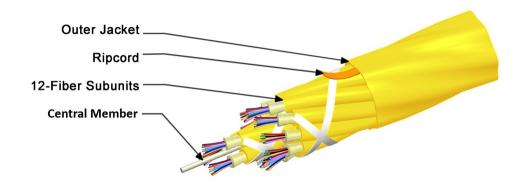
Buffer Tube/Subunit Diameter 3 mm | 0.118 in

Diameter Over Jacket 15.3 mm | 0.602 in

Representative Image



760251080 | N-192-MP-8G1-F16YL/30T/B2



Mechanical Specifications

Tensile Load, long term, maximum

Minimum Bend Radius, loaded 230 mm | 9.055 in

Minimum Bend Radius, unloaded 153 mm | 6.024 in 400 N | 89.924 lbf

1335 N | 300.12 lbf Tensile Load, short term, maximum

Compression 10 N/mm | 57.101 lb/in

FOTP-41 | IEC 60794-1 E3 **Compression Test Method**

Flex 25 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

2.94 N-m | 26.021 in lb **Impact**

FOTP-25 | IEC 60794-1 E4 **Impact Test Method**

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 204 m | 669.291 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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760251080 | N-192-MP-8G1-F16YL/30T/B2

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd2EN50575 CPR Cable EuroClass Acidity Ratinga1

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 $0 \degree C \text{ to } +70 \degree C \text{ (+32 °F to } +158 \degree F)$

Low High Bend Test Method FOTP-37 | IEC 60794-1 E11

Temperature Cycle $0 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C (+32 °F to } +158 \,^{\circ}\text{F)}$

Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 194 kg/km | 130.362 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

