# PPLUJG8LCUCN



Propel ULL Singlemode Cabled Module, 24x8 duplex LC Propel module on End A to Stub on End B, 192 fiber LSZH Trunk, 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**

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 LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, frontBlueInterface, rearStubModule Size, end A8 fiberModule Quantity, end A24

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 192

Total Ports, quantity, front 96

Dimensions

 Height
 11 mm | 0.433 in

 Width
 98 mm | 3.858 in

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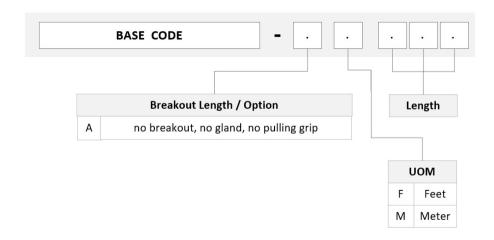
**Depth** 170 mm | 6.693 in

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

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted

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## Included Products

760253754 N-192-MP-8G1-F08YL/20T/B2 Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating



# 760253754 | N-192-MP-8G1-F08YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 2.0 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

192

**Portfolio** CommScope® **Product Type** Fiber indoor cable

**Product Series** N-MP

## General Specifications

MPO trunk cable **Cable Type** Non-armored **Construction Type** Gel-free **Subunit Type Jacket Color** Yellow Feet **Jacket Marking** 24 Subunit, quantity Fibers per Subunit, quantity 8

#### Dimensions

**Total Fiber Count** 

**Buffer Tube/Subunit Diameter** 2 mm | 0.079 in **Diameter Over Jacket** 14.7 mm | 0.579 in

## Mechanical Specifications

Minimum Bend Radius, loaded 221 mm | 8.701 in Minimum Bend Radius, unloaded 147 mm | 5.787 in Tensile Load, long term, maximum 200 N | 44.962 lbf Tensile Load, short term, maximum 667 N | 149.948 lbf Compression 10 N/mm | 57.101 lb/in

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

Flex 25 cycles

**COMMSCOPE®** 

# 760253754 | N-192-MP-8G1-F08YL/20T/B2

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** 99 m | 324.803 ft

**Optical Specifications** 

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

**Environmental Specifications** 

Installation temperature0 °C to +60 °C (+32 °F to +140 °F)Operating Temperature0 °C to +70 °C (+32 °F to +158 °F)

Storage Temperature  $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

Cable Qualification StandardsANSI/ICEA S-83-596Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Dual Rated LSZH/Riser | Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFNR-ST1 (ETL) and c(ETL)

1666 | UL 1685

**Environmental Test Specifications** 

**Low High Bend**  $0 \,^{\circ}\text{C to } +70 \,^{\circ}\text{C (+32 °F to } +158 \,^{\circ}\text{F)}$ 

**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** 205.7 kg/km | 138.224 lb/kft

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\* Footnotes

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