## PPLU3V8LCUCM



Propel ULL Multimode OM5 Cabled Module, 18x8 duplex LC Propel module on End A to Stub on End B, 144 fiber B2ca 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 Lime green

Cable Type Trunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Lime green

Interface, rearStubModule Size, end A8 fiberModule Quantity, end A18

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 144

Total Ports, quantity, front 72

**Dimensions** 

**Height** 11 mm | 0.433 in

COMMSCOPE®

## PPLU3V8LCUCM

**Width** 98 mm | 3.858 in

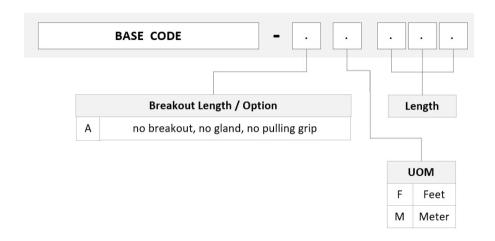
**Depth** 170 mm | 6.693 in

**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 Multimode

**Fiber Type** OM5

**Insertion Loss, maximum** 0.35 dB

## **Environmental Specifications**

**Qualification Standards** IEC 61753-1 | TIA-568.3-D

Safety Standard c-UL-us

Packaging and Weights

Packaging quantity

## Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

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# PPLU3V8LCUCM

**UK-ROHS** 

Compliant/Exempted



### Included Products

760253114 N-144-MP-5G-F08LM/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 144 fiber with 2.0 mm Subunits, Multimode OM5, Gel-free, Meters jacket marking, Lime green jacket color, B2ca Flame rating



## 760253114 | N-144-MP-5G-F08LM/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 144 fiber with 2.0mm Subunits, Multimode OM5, Gel-free, Meters jacket marking, Lime green jacket color, B2ca Flame rating

### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

**Product Series** N-MP

## General Specifications

Cable TypeMPO trunk cableConstruction TypeNon-armoredSubunit TypeGel-free

Filler, quantity 0

Jacket Color Lime green

Jacket Marking Feet
Subunit, quantity 18
Fibers per Subunit, quantity 8
Total Fiber Count 144

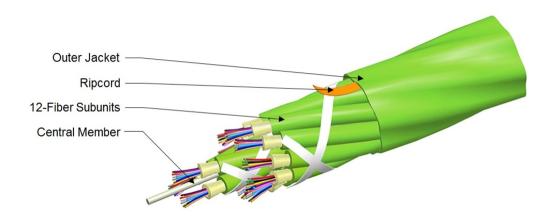
#### **Dimensions**

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket13 mm | 0.512 in

### Representative Image



# 760253114 | N-144-MP-5G-F08LM/20T/B2



## Mechanical Specifications

Minimum Bend Radius, loaded 195 mm | 7.677 in

Minimum Bend Radius, unloaded 130 mm | 5.118 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

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** 131 m | 429.79 ft

**Optical Specifications** 

Fiber Type OM5, LazrSPEED® wideband

## **Environmental Specifications**

Installation temperature  $0 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

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

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# 760253114 | N-144-MP-5G-F08LM/20T/B2

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

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 Ratingd1

 Environmental Space
 Dual Rated LSZH/Riser | Riser

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

a1

1666 | UL 1685

**Environmental Test Specifications** 

**EN50575 CPR Cable EuroClass Acidity Rating** 

Low High Bend0 °C to +70 °C (+32 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle0 °C to +70 °C (+32 °F to +158 °F)

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

Packaging and Weights

**Cable weight** 155.9 kg/km | 104.76 lb/kft

#### \* Footnotes

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

