## PPLU3X8LCLC8



Propel ULL Multimode OM4 Cabled Module, 1x8 duplex LC Propel module on End A to 1x8 on End B, 8 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 End B module is the same module as End A | 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 PROPEL Module

Cable Color Agua

Cable Type Trunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

 Interface Color, front
 Aqua

 Interface, rear
 LC/UPC

Interface Feature, rear Duplex | Shuttered

Interface Color, rearAquaModule Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A1

Module Quantity, end B

Polarity Method B Enhanced (ULL)

COMMSC PE°

# PPLU3X8LCLC8

Total Fibers, quantity 8

Total Ports, quantity, front 4

Total Ports, quantity, rear 4

#### **Dimensions**

 Height
 11 mm | 0.433 in

 Width
 65 mm | 2.559 in

 Depth
 170 mm | 6.693 in

Breakout Length, end B23 inCable Assembly Length Range (m)1 - 400Cable Assembly Length Range (ft)2 - 999

## Ordering Tree



## **Optical Specifications**

Fiber ModeMultimodeFiber TypeOM4Insertion Loss, maximum0.35 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



# PPLU3X8LCLC8

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant

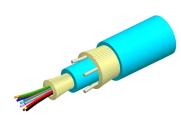


#### Included Products

760253116 N-008-MP-5K-F08AQ/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 8 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating



# 760253116 | N-008-MP-5K-F08AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk with 2.0mm Subunits, 8 fiber, Multimode OM4, Gel-free, Feet jacket marking, Aqua 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 cable

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Aqua

**Jacket Marking** Feet

Subunit, quantity 1

Total Fiber Count 8

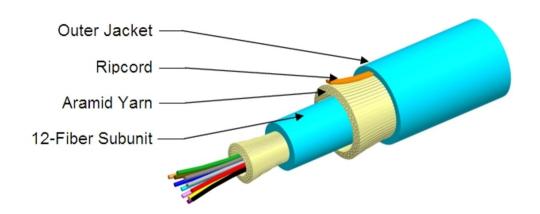
**Dimensions** 

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket5.3 mm | 0.209 in

Representative Image



# 760253116 | N-008-MP-5K-F08AQ/20T/B2



### Mechanical Specifications

Minimum Bend Radius, loaded 80 mm | 3.15 in

Minimum Bend Radius, unloaded 53 mm | 2.087 in

**Tensile Load, long term, maximum** 133 N | 29.9 lbf

**Tensile Load, short term, maximum** 445 N | 100.04 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** 412 m | 1,351.706 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550

**Environmental Specifications** 

**Installation temperature** 0 °C to +60 °C (+32 °F to +140 °F)

Page 5 of 6



#### N-008-MP-5K-F08AQ/20T/B2 760253116

a1

0 °C to +70 °C (+32 °F to +158 °F) **Operating Temperature** 

-40 °C to +70 °C (-40 °F to +158 °F) **Storage Temperature** 

**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** d0 **EN50575 CPR Cable EuroClass Acidity Rating** 

**Environmental Space** Low Smoke Zero Halogen (LSZH)

Flame Test Method IEC 60332-3 | IEC 60754-2 | IEC 61034-2

**Environmental Test Specifications** 

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 33 kg/km | 22.175 lb/kft

\* Footnotes

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

