# PPLARX8LCQP8

Propel ULL Multimode OM4 Cabled Module, 1x8 duplex LC Propel module on End A to 1x8f MPO /UPC non-pinned on End B, 8 fiber LSZH Patchcord, Method A

- This component requires 2 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 Modules with patch cord cable are single subunit, and have no additional outer jacket

General Specifications

**Configuration Type** PROPEL Module to MPO Connector

Cable Color Aqua

Cable TypePatch cord LSZH

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Aqua

Interface, rear MPO-08/UPC Female

Interface Feature, rear Key up/down | Unpinned

Module Size, end A 8 fiber

Module Size, end B 8 fiber

Module Quantity, end A 1

Module Quantity, end B 1

**Polarity** Method A

Total Fibers, quantity 8

Total Ports, quantity, front 4

COMMSC PE°

# PPLARX8LCQP8

#### **Dimensions**

 Height
 11 mm | 0.433 in

 Width
 65 mm | 2.559 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 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

COMMSC PE®

# PPLARX8LCQP8

# 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

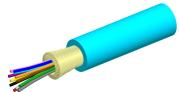


### Included Products

760251447 – LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8

N-008-MP-5K-F20AQ/E fiber

# 760251447 | N-008-MP-5K-F20AQ/E



LazrSPEED® Low Smoke Zero Halogen Riser Light Duty Interconnect Cable, 8 fiber

#### **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

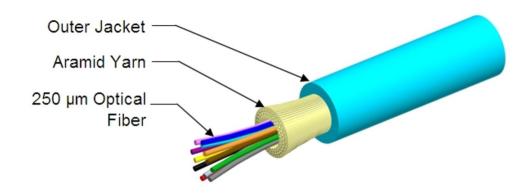
Subunit TypeGel-freeJacket ColorAquaJacket MarkingFeet

Total Fiber Count 8

Dimensions

**Diameter Over Armor** 2 mm | 0.079 in

### Representative Image



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# 760251447 | N-008-MP-5K-F20AQ/E

### Mechanical Specifications

Minimum Bend Radius, loaded38 mm | 1.496 inMinimum Bend Radius, unloaded16 mm | 0.63 inTensile Load, long term, maximum33 N | 7.419 lbfTensile Load, short term, maximum111 N | 24.954 lbf

**Compression** 4 N/mm | 22.841 lb/in

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

Flex 300 cycles

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

**Impact** 0.74 N-m | 6.55 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** 500 m | 1,640.42 ft

**Optical Specifications** 

Fiber Type OM4, LazrSPEED® 550

# **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 °C to +70 °C (-40 °F to +158 °F)

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

EN50575 CPR Cable EuroClass Fire Performance Eca

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

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

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 1685

**Environmental Test Specifications** 

**Heat Age** 0 °C to +85 °C (+32 °F to +185 °F)

Heat Age Test Method IEC 60794-1 F9

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# 760251447 | N-008-MP-5K-F20AQ/E

**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 3.7 kg/km | 2.486 lb/kft

\* Footnotes

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

