PPLA3X8LCQXN

Propel ULL Multimode OM4 Cabled Module, 24x8 duplex LC Propel module on End A to 1x8f MPO/UPC pinned on End B, 192 fiber B2ca Trunk, 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 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 Color Aqua

Cable TypeTrunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Aqua

Interface, rear MPO-08/UPC Male

Interface Feature, rear Key up/down | Pinned

Module Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A24Module Quantity, end B24

Polarity Method A

Total Fibers, quantity 192

Total Ports, quantity, front 96

COMMSCOPE®

PPLA3X8LCQXN

Dimensions

 Height
 11 mm | 0.433 in

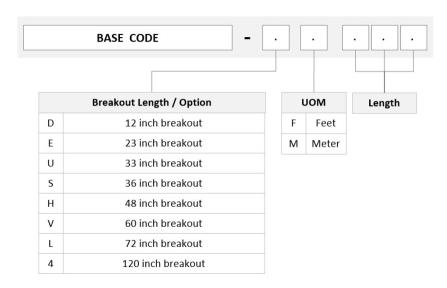
 Width
 98 mm | 3.858 in

 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®

PPLA3X8LCQXN

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

760253125 N-192-MP-5K-F08AQ/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 2.0 mm Subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating



760253125 | N-192-MP-5K-F08AQ/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 2.0mm Subunits, 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 cableConstruction TypeNon-armoredSubunit TypeGel-freeJacket ColorAquaJacket MarkingFeetSubunit, quantity24

Fibers per Subunit, quantity 8

Total Fiber Count 192

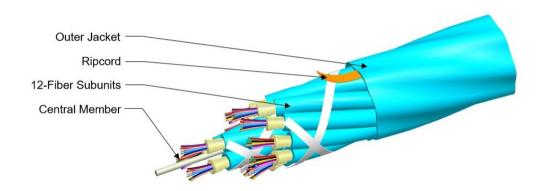
Dimensions

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket14.7 mm | 0.579 in

Representative Image



760253125 | N-192-MP-5K-F08AQ/20T/B2



Mechanical Specifications

Minimum Bend Radius, loaded 221 mm | 8.701 in

Minimum Bend Radius, unloaded147 mm5.787 inTensile Load, long term, maximum200 N44.962 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 99 m | 324.803 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550

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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760253125 | N-192-MP-5K-F08AQ/20T/B2

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 PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1

EN50575 CPR Cable EuroClass Acidity Rating a1

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

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

Flame Test Method CSA FT4 | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL

1666 | UL 1685

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 205.7 kg/km | 138.224 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

