PPLUJX8LCLCR



Propel ULL Multimode OM4 Cabled Module, 2x8 duplex LC Propel module on End A to 2x8 on End B, 16 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 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 Aqua

Cable Type Trunk Cable - LSZH

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 A2

Module Quantity, end B 2

Polarity Method B Enhanced (ULL)

COMMSCOPE®

PPLUJX8LCLCR

16 **Total Fibers, quantity** 8 Total Ports, quantity, front Total Ports, quantity, rear

Dimensions

Height 11 mm | 0.433 in Width 65 mm | 2.559 in **Depth** 170 mm | 6.693 in

Breakout Length, end B 23 in Cable Assembly Length Range (m) 1 - 400Cable Assembly Length Range (ft) 2 - 999

Ordering Tree



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Optical Specifications

Fiber Mode Multimode **Fiber Type** OM4 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



PPLUJX8LCLCR

Agency Classification

CHINA-ROHS Above maximum concentration value

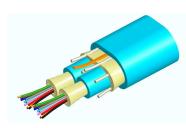
ROHS Compliant/Exempted UK-ROHS Compliant/Exempted



Included Products

760248163 N-016-MP-5K-F08AQ/20T/D Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16 fiber with 8 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating

760248163 | N-016-MP-5K-F08AQ/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16 fiber with 8 fiber 2.0mm subunits, Gel-free, Multimode OM4, Feet jacket marking, Aqua jacket color, Dca flame rating

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 TypeMPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Aqua

Jacket Marking Feet

Subunit, quantity 2

Fibers per Subunit, quantity 8

Total Fiber Count 16

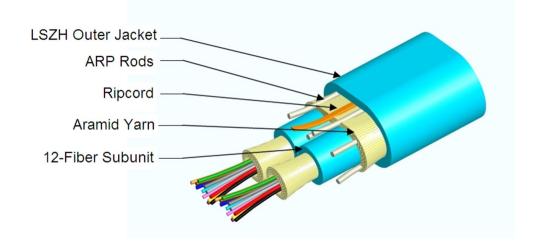
Dimensions

Height Over Jacket4.5 mm0.177 inWidth Over Jacket6.2 mm0.244 inBuffer Tube/Subunit Diameter2 mm0.079 in

Representative Image



760248163 | N-016-MP-5K-F08AQ/20T/D



Mechanical Specifications

Minimum Bend Radius, loaded67 mm2.638 inMinimum Bend Radius, unloaded45 mm1.772 in

Tensile Load, long term, maximum $200 \text{ N} \mid 44.962 \text{ lbf}$ Tensile Load, short term, maximum $667 \text{ N} \mid 149.948 \text{ lbf}$

 Compression
 10 N/mm | 57.101 lb/in

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

Flex 300 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 500 m | 1,640.42 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

Environmental Specifications

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

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760248163 | N-016-MP-5K-F08AQ/20T/D

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

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 PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

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

 Low High Bend
 0 °C to +60 °C (+32 °F to +140 °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

