PPLUJV8LCLCR



Propel ULL Multimode OM5 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 Lime green

Cable Type Trunk Cable - LSZH

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

 Interface Color, front
 Lime green

 Interface, rear
 LC/UPC

Interface Feature, rear Duplex | Shuttered

Interface Color, rear Lime green

Module Size, end A8 fiberModule Size, end B8 fiber

Module Quantity, end A 2
Module Quantity, end B 2

Polarity Method B Enhanced (ULL)

COMMSCOPE®

PPLUJV8LCLCR

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

Total Ports, quantity, rear 8

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 TypeOM5Insertion 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

Regulatory Compliance/Certifications



PPLUJV8LCLCR

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant

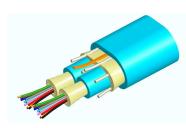


Included Products

760248171 N-016-MP-5G-F08LM/20T/D Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16 fiber with 8 fiber 2.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Aqua jacket color, Dca flame rating



760248171 | N-016-MP-5G-F08LM/20T/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 16 fiber with 8 fiber 2.0mm subunits, Gel-free, Multimode OM5, 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

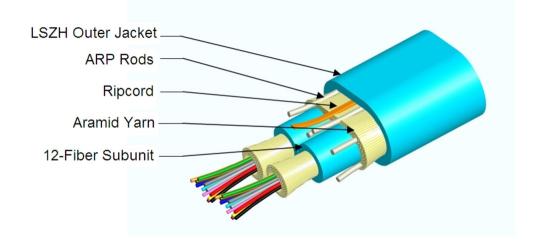
Dimensions

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

Representative Image



760248171 | N-016-MP-5G-F08LM/20T/D



Mechanical Specifications

Minimum Bend Radius, loaded67 mm | 2.638 inMinimum Bend Radius, unloaded45 mm | 1.772 inTensile Load, long term, maximum200 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 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 OM5, LazrSPEED® wideband

Environmental Specifications

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

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760248171 | N-016-MP-5G-F08LM/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

