PPLUJG8LCLCU



Propel ULL Singlemode Cabled Module, 8x8 duplex LC Propel module on End A to 8x8 on End B, 64 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 Yellow

Cable TypeTrunk Cable - LSZH

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

 Interface Color, front
 Blue

 Interface, rear
 LC/UPC

Interface Feature, rear Duplex | Shuttered

Interface Color, rearBlueModule Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A8Module Quantity, end B8

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 64

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Total Ports, quantity, front 32

Total Ports, quantity, rear 32

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 - 400

Cable Assembly Length Range (ft) 2 - 999

Ordering Tree



Optical Specifications

Fiber Mode Singlemode

Fiber Type OS2
Insertion Loss, maximum 0.6 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

Agency Classification

COMMSCOPE®

PPLUJG8LCLCU

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant



Included Products

760248111 N-064-MP-8G1-F08YL/20T/D Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 64 fiber multi-unit with 8 fiber 2.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, Dca flame rating



760248111 | N-064-MP-8G1-F08YL/20T/D



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 64 fiber multi-unit with 8 fiber 2.0 mm subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow 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 Type MPO trunk cable

Construction Type Non-armored

Subunit TypeGel-freeJacket ColorYellowJacket MarkingFeet

Subunit, quantity 8

Fibers per Subunit, quantity 8

Total Fiber Count 64

Dimensions

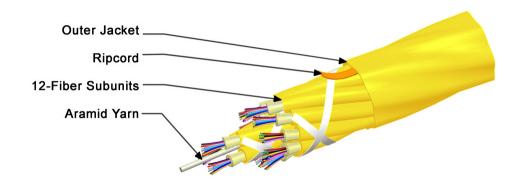
Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Jacket 9.3 mm | 0.366 in

Representative Image



760248111 | N-064-MP-8G1-F08YL/20T/D



Mechanical Specifications

Minimum Bend Radius, loaded 139 mm | 5.472 in

Minimum Bend Radius, unloaded93 mm | 3.661 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 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 274 m | 898.95 ft

Optical Specifications

Fiber Type G.657.A2/B2 | G.657.A2/B2

Environmental Specifications

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

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760248111 | N-064-MP-8G1-F08YL/20T/D

Operating Temperature 0 °C to +70 °C (+32 °F to +158 °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 Performance Dca
EN50575 CPR Cable EuroClass Smoke Rating s1a
EN50575 CPR Cable EuroClass Droplets Rating d1
EN50575 CPR Cable EuroClass Acidity Rating a1

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

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

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 Bend0 °C to +60 °C (+32 °F to +140 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle0 °C to +70 °C (+32 °F to +158 °F)

Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 74.6 kg/km | 50.129 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

