PPLU3VDLCUCF



Propel ULL Multimode OM5 Cabled Module, 2x12 duplex LC Propel module on End A to Stub on End B, 24 fiber B2ca Trunk, Method B Enhanced

- This component requires 3 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 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 Stub

Cable Color Lime green

Cable Type Trunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Lime green

Interface, rearStubModule Size, end A12 fiber

Module Quantity, end A 2

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 24

Total Ports, quantity, front 12

Dimensions

Height 11 mm | 0.433 in

COMMSCOPE®

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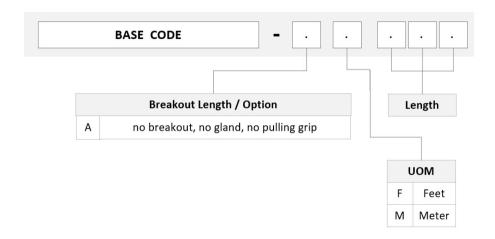
 Width
 196 mm | 7.717 in

 Depth
 170 mm | 6.693 in

Breakout Length, end B 0 in

Cable Assembly Length Range (m) 1 - 400 Cable Assembly Length Range (ft) 2 - 999

Ordering Tree



Optical Specifications

Fiber Mode Multimode

Fiber Type OM5
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

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

COMMSCOPE°

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UK-ROHS

Compliant/Exempted



Included Products

760249523 N-024-MP-5G-F12LM/20T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 24 fiber with 12 fiber 2.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, B2ca flame rating



760249523 | N-024-MP-5G-F12LM/20T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 24 fiber with 12 fiber 2.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green 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 Type MPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Jacket Color Lime green

Jacket Marking Feet

Subunit, quantity 2

Fibers per Subunit, quantity 12

Total Fiber Count 24

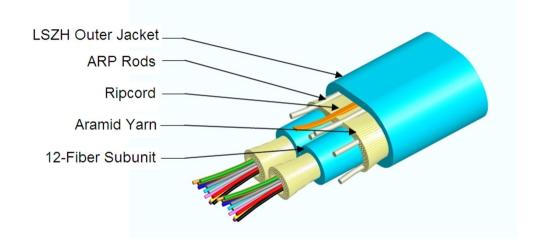
Dimensions

Height Over Jacket5.4 mm | 0.213 inWidth Over Jacket7.4 mm | 0.291 inBuffer Tube/Subunit Diameter2 mm | 0.079 in

Representative Image



760249523 | N-024-MP-5G-F12LM/20T/B2



Mechanical Specifications

Minimum Bend Radius, loaded81 mm | 3.189 inMinimum Bend Radius, unloaded54 mm | 2.126 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 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 437 m | 1,433.727 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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760249523 | N-024-MP-5G-F12LM/20T/B2

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 B2ca

EN50575 CPR Cable EuroClass Smoke Rating s1a

EN50575 CPR Cable EuroClass Droplets Rating d0

EN50575 CPR Cable EuroClass Acidity Rating a1

Environmental Space Low Smoke Zero Halogen (LSZH)

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2

Environmental Test Specifications

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 46.7 kg/km | 31.381 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

