PPLU3VRLCRVL



Propel ULL Multimode OM5 Cabled Module, 6x16 duplex LC Propel module on End A to 1x16f MPO/APC non-pinned Multimode on End B, 96 fiber B2ca Trunk, Method B Enhanced

- This component requires 4 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 MPO Connector

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, rear MPO-16/APC Female

Interface Feature, rear Key up/up | Unpinned

Module Size, end A16 fiberModule Size, end B16 fiber

Module Quantity, end A 6

Module Quantity, end B 6

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 96

COMMSCOPE®

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Total Ports, quantity, front 48

Dimensions

 Height
 11 mm | 0.433 in

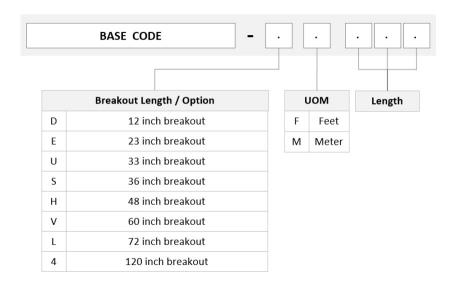
 Width
 131 mm | 5.157 in

 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 TypeOM5Insertion Loss, maximum0.35 dB

Environmental Specifications

Qualification Standards IEC 61753-1 | TIA-568.3-D

Safety Standard c-UL-us

Packaging and Weights

COMMSCOPE®

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Packaging quantity

1

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant



Included Products

760251068 N-096-MP-5G-F16LM/30T/B2 Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 96 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, B2ca flame rating



760251068 | N-096-MP-5G-F16LM/30T/B2



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser MPO Trunk Cable, 96 fiber with 16-fiber, 3.0mm subunits, Gel-free, Multimode OM5, Feet jacket marking, Lime green jacket color, B2ca flame rating

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | 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 Type Gel-free

Jacket Color Lime green

Jacket Marking Feet

Subunit, quantity 6

Fibers per Subunit, quantity 16

Total Fiber Count 96

Dimensions

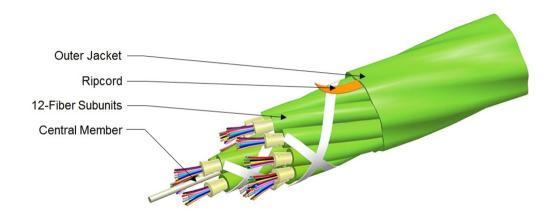
Buffer Tube/Subunit Diameter 3 mm | 0.118 in

Diameter Over Jacket 12.1 mm | 0.476 in

Representative Image



760251068 | N-096-MP-5G-F16LM/30T/B2



Mechanical Specifications

Minimum Bend Radius, loaded 182 mm | 7.165 in

Minimum Bend Radius, unloaded 121 mm | 4.764 in

Tensile Load, long term, maximum 400 N | 89.924 lbf

Tensile Load, short term, maximum 1335 N | 300.12 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 288 m | 944.882 ft

Optical Specifications

Fiber Type OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature $0 \, ^{\circ}\text{C}$ to +50 $^{\circ}\text{C}$ (+32 $^{\circ}\text{F}$ to +122 $^{\circ}\text{F}$)

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

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Storage Temperature $-40 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

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 Ratingd2

Environmental Space Low Smoke Zero Halogen (LSZH)

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

Environmental Test Specifications

EN50575 CPR Cable EuroClass Acidity Rating

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 +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 142 kg/km | 95.42 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

