PPLA3GDLCMXL



Propel ULL Singlemode Cabled Module, 8x12 duplex LC Propel module on End A to 1x12f MPO/UPC pinned on End B, 96 fiber B2ca Trunk, Method A

- This component requires 3 of the 12 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method A 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 Yellow

Cable Type Trunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Blue

Interface, rear MPO-12/UPC Male

Interface Feature, rear Key up/down | Pinned

Module Size, end A12 fiberModule Size, end B12 fiber

Module Quantity, end A 8
Module Quantity, end B 8

Polarity Method A

Total Fibers, quantity 96

COMMSCOPE®

PPLA3GDLCMXL

Total Ports, quantity, front 48

Dimensions

 Height
 11 mm | 0.433 in

 Width
 196 mm | 7.717 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)1-400Cable 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

COMMSCOPE®

PPLA3GDLCMXL

Packaging quantity

1

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted



Included Products

760249610 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber with 2.0 mm Subunits, N-096-MP-8G1-F12YL/20T/B2 Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating



760249610 | N-096-MP-8G1-F12YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA

PortfolioCommScope®Product TypeFiber indoor cable

Product Series N-MP

General Specifications

MPO trunk cable **Cable Type Construction Type** Non-armored Gel-free **Subunit Type** Yellow **Jacket Color** Feet **Jacket Marking** 8 Subunit, quantity Fibers per Subunit, quantity 12 **Total Fiber Count** 96

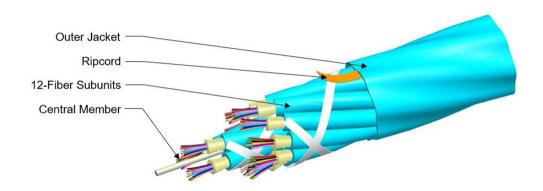
Dimensions

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket10.1 mm | 0.398 in

Representative Image



760249610 | N-096-MP-8G1-F12YL/20T/B2



Mechanical Specifications

Minimum Bend Radius, loaded152 mm5.984 inMinimum Bend Radius, unloaded101 mm3.976 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 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 190 m | 623.36 ft

Optical Specifications

Fiber Type G.657.A2/B2 | OS2

Environmental Specifications

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

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

COMMSCOPE®

760249610 | N-096-MP-8G1-F12YL/20T/B2

a1

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 PerformanceB2caEN50575 CPR Cable EuroClass Smoke Ratings1aEN50575 CPR Cable EuroClass Droplets Ratingd0

Environmental Space Low Smoke Zero Halogen (LSZH)

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

Environmental Test Specifications

EN50575 CPR Cable EuroClass Acidity Rating

Low High Bend0 °C to +70 °C (+32 °F to +158 °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 107.6 kg/km | 72.304 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

