PPLU3G8LCUC8



Propel ULL Singlemode Cabled Module, 1x8 duplex LC Propel module on End A to Stub on End B, 8 fiber B2ca 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 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 Yellow

Cable Type Trunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, frontBlueInterface, rearStubModule Size, end A8 fiberModule Quantity, end A1

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 8

Total Ports, quantity, front 4

Dimensions

 Height
 11 mm | 0.433 in

 Width
 98 mm | 3.858 in

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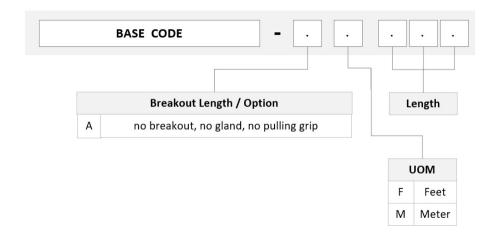
Depth 170 mm | 6.693 in

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 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 1

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted

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Included Products

760254313 N-008-MP-8G1-F08YL/20T/B2 Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk with 2.0 mm Subunits, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating



760254313 | N-008-MP-8G1-F08YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk with 2.0 mm Subunits, 8 fiber, Singlemode G.657.A2/B2, Feet jacket marking, Yellow 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 TypeMPO trunk cable

Construction Type Non-armored

Subunit TypeGel-freeJacket ColorYellowJacket MarkingFeet

Subunit, quantity 1

Total Fiber Count 8

Dimensions

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket5.3 mm | 0.209 in

Mechanical Specifications

Minimum Bend Radius, loaded80 mm | 3.15 inMinimum Bend Radius, unloaded53 mm | 2.087 inTensile Load, long term, maximum133 N | 29.9 lbfTensile Load, short term, maximum445 N | 100.04 lbf

Compression 10 N/mm | 57.101 lb/in

COMMSCOPE®

760254313 | N-008-MP-8G1-F08YL/20T/B2

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 412 m | 1,351.706 ft

Optical Specifications

Fiber Type G.657.A2/B2

Environmental Specifications

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

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

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 Performance B2ca
EN50575 CPR Cable EuroClass Smoke Rating s1a

EN50575 CPR Cable EuroClass Droplets Rating d0

Environmental Space Low Smoke Zero Halogen (LSZH)

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

a1

Environmental Test Specifications

EN50575 CPR Cable EuroClass Acidity Rating

Low High Bend $0 \, ^{\circ}\text{C to} + 70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F to} + 158 \, ^{\circ}\text{F})$

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



760254313 | N-008-MP-8G1-F08YL/20T/B2

Cable weight

33 kg/km | 22.175 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

