PPLA3G8LCQX8

Propel ULL Singlemode Cabled Module, 1x8 duplex LC Propel module on End A to 1x8f MPO/UPC pinned on End B, 8 fiber B2ca Trunk, Method A

- This component requires 2 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 ColorYellow

Cable TypeTrunk Cable - LSZH Class B2ca

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Blue

Interface, rear MPO-08/UPC Male

Interface Feature, rear Key up/down | Pinned

Module Size, end A8 fiberModule Size, end B8 fiberModule Quantity, end A1

Module Quantity, end B

Polarity Method A

Total Fibers, quantity 8

Total Ports, quantity, front 4

COMMSC PE°

PPLA3G8LCQX8

Dimensions

 Height
 11 mm | 0.433 in

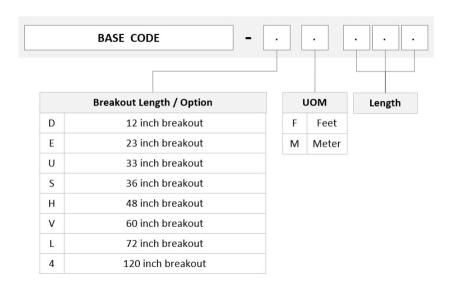
 Width
 98 mm | 3.858 in

 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 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

COMMSCOPE®

PPLA3G8LCQX8

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



Included Products

760254313 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk with 2.0 mm Subunits, 8 fiber, N-008-MP-8G1-F08YL/20T/B2 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 Type Gel-free

Jacket Color Yellow

Jacket Marking Feet

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

COMMSC PE®

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

FOTP-41 | IEC 60794-1 E3 **Compression Test Method**

Flex 25 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

2.94 N-m | 26.021 in lb **Impact**

FOTP-25 | IEC 60794-1 E4 **Impact Test Method**

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

Operating Temperature

Fiber Type G.657.A2/B2

Environmental Specifications

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

Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

B2ca

0 °C to +70 °C (+32 °F to +158 °F)

EN50575 CPR Cable EuroClass Fire Performance

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 +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



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