PPLUJG8LCUCN



Propel ULL Singlemode Cabled Module, 24x8 duplex LC Propel module on End A to Stub on End B, 192 fiber LSZH 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

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, frontBlueInterface, rearStubModule Size, end A12 fiberModule Size, end B12 fiberModule Quantity, end A24Module Quantity, end B24

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 192

Total Ports, quantity, front 96

Dimensions

COMMSC PE°

PPLUJG8LCUCN

 Height
 11 mm | 0.433 in

 Width
 98 mm | 3.858 in

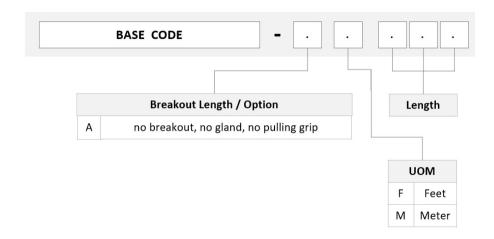
 Depth
 170 mm | 6.693 in

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 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

COMMSC PE®

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CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant



Included Products

760253754 N-192-MP-8G1-F08YL/20T/B2 Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 192 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating



760253754 | N-192-MP-8G1-F08YL/20T/B2



Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 192 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

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

Product Series N-MP

General Specifications

Cable TypeMPO trunk cableConstruction TypeNon-armoredSubunit TypeGel-freeJacket ColorYellowJacket MarkingFeet

Subunit, quantity 24

Fibers per Subunit, quantity 8

Total Fiber Count 192

Dimensions

Buffer Tube/Subunit Diameter2 mm | 0.079 inDiameter Over Jacket14.7 mm | 0.579 in

Mechanical Specifications

Minimum Bend Radius, loaded221 mm | 8.701 inMinimum Bend Radius, unloaded147 mm | 5.787 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 N | 149.948 lbfCompression10 N/mm | 57.101 lb

 Compression
 10 N/mm | 57.101 lb/in

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

Flex 25 cycles

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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 99 m | 324.803 ft

Optical Specifications

Fiber Type G.657.A2/B2

Environmental Specifications

Installation temperature $0 \, ^{\circ}\text{C} \, \text{to} +60 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} +140 \, ^{\circ}\text{F})$ Operating Temperature $0 \, ^{\circ}\text{C} \, \text{to} +70 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F} \, \text{to} +158 \, ^{\circ}\text{F})$ Storage Temperature $-40 \, ^{\circ}\text{C} \, \text{to} +70 \, ^{\circ}\text{C} \, (-40 \, ^{\circ}\text{F} \, \text{to} +158 \, ^{\circ}\text{F})$

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 Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Dual Rated LSZH/Riser | Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFNR-ST1 (ETL) and c(ETL)

1666 | UL 1685

Environmental Test Specifications

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

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

Cable weight 205.7 kg/km | 138.224 lb/kft

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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable