PPLUGXDLCLCN



Propel ULL Multimode OM4 Cabled Module, 16x12 duplex LC Propel module on End A to 16x12 on End B, 192 fiber Plenum Trunk, Method B Fnhanced

- This component requires 3 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 End B module is the same module as End A | 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 PROPEL Module

Cable Color Agua

Cable Type Trunk Cable - Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

 Interface Color, front
 Aqua

 Interface, rear
 LC/UPC

Interface Feature, rear Duplex | Shuttered

Interface Color, rearAquaModule Size, end A12 fiberModule Size, end B12 fiberModule Quantity, end A16Module Quantity, end B16

Polarity Method B Enhanced (ULL)

COMMSCOPE®

PPLUGXDLCLCN

Total Fibers, quantity 192

Total Ports, quantity, front 96

Total Ports, quantity, rear 96

Dimensions

 Height
 11 mm | 0.433 in

 Width
 98 mm | 3.858 in

 Depth
 170 mm | 6.693 in

Breakout Length, end B 23 in

Cable Assembly Length Range (m) 1 - 400

Cable Assembly Length Range (ft) 2 - 999

Ordering Tree



Optical Specifications

Fiber ModeMultimodeFiber TypeOM4Insertion Loss, maximum0.35 dB

Environmental Specifications

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

Safety Standard c-UL-us

Packaging and Weights

Packaging quantity

Regulatory Compliance/Certifications



PPLUGXDLCLCN

Agency Classification

CHINA-ROHS Above maximum concentration value

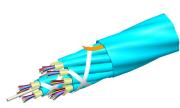
ROHS Compliant/Exempted UK-ROHS Compliant/Exempted



Included Products

760251161 P-192-MP-5K-F12AQ/20T Fiber indoor cable, LazrSPEED Plenum MPO Trunk, 192 fiber multi-unit with 12 fiber subunits,
 Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color

760251161 | P-192-MP-5K-F12AQ/20T



Fiber indoor cable, LazrSPEED Plenum MPO Trunk, 192 fiber multi-unit with 12 fiber subunits, Multimode OM4, Gel-free, Feet jacket marking, Aqua jacket color

Product Classification

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East

/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series P-MP

General Specifications

Cable TypeMPO trunk cable

Construction Type Non-armored

Subunit Type Gel-free

Filler, quantity 2

Jacket Color Aqua

Jacket Marking Feet

Subunit, quantity 16

Fibers per Subunit, quantity 12

Total Fiber Count 192

Dimensions

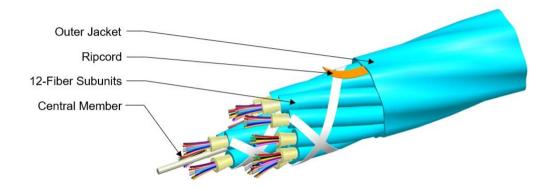
Buffer Tube/Subunit Diameter 2 mm | 0.079 in

Diameter Over Jacket 12.4 mm | 0.488 in

Representative Image



760251161 | P-192-MP-5K-F12AQ/20T



Mechanical Specifications

Minimum Bend Radius, loaded 186 mm | 7.323 in

Minimum Bend Radius, unloaded 124 mm | 4.882 in

Tensile Load, long term, maximum 200 N | 44.962 lbf

Tensile Load, short term, maximum 667 N | 149.948 lbf

Compression 10 N/mm | 57.101 lb/in

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

Flex 300 cycles

FIEX 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 126 m | 413.386 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550

Environmental Specifications

Installation temperature0 °C to +70 °C (-32 °F to +158 °F)Operating Temperature0 °C to +70 °C (+32 °F to +158 °F)Storage Temperature-40 °C to +70 °C (-40 °F to +158 °F)

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760251161 | P-192-MP-5K-F12AQ/20T

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

Environmental Space Plenum

Flame Test Listing NEC OFNP (ETL) and c(ETL)
Flame Test Method NFPA 130 | NFPA 262

Environmental Test Specifications

Heat Age 0 °C to +85 °C (+32 °F to +185 °F)

Heat Age Test Method IEC 60794-1 F9

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 163 kg/km | 109.531 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

