PPLUQXDLCUCD



Propel ULL Multimode OM4 Cabled Module, 1x12 duplex LC Propel module on End A to Stub on End B, 12 fiber Plenum Patchcord, Method B Enhanced

- 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 Modules with patch cord cable are single subunit, and have no additional outer jacket

General Specifications

Configuration Type PROPEL Module to Stub

Cable Color Aqua

Cable Type Patch cord Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, frontAquaInterface, rearStubModule Size, end A12 fiber

Module Quantity, end A

Polarity Method B Enhanced (ULL)

Total Fibers, quantity 12

Total Ports, quantity, front 6

Dimensions

Height 11 mm | 0.433 in

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Width 65 mm | 2.559 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 Multimode

Fiber Type OM4

Insertion Loss, maximum 0.35 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

Agency Classification

CHINA-ROHS Below maximum concentration value

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

COMMSC PE°

PPLUQXDLCUCD

ROHS

Compliant Compliant



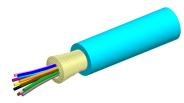


Included Products

760242035 P-012-MP-5K-F20AQ Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 12 fiber, Multimode OM4, Feet jacket marking, Aqua jacket color



760242035 | P-012-MP-5K-F20AQ



Fiber indoor cable, LazrSPEED® Plenum MPO Light Duty for Patchcords, 12 fiber, Multimode OM4, 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 Type
 MPO trunk cable

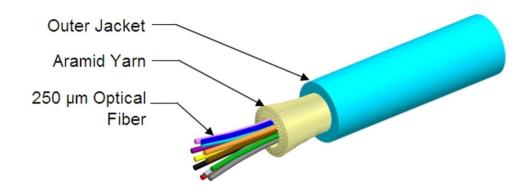
 Construction Type
 Non-armored

Subunit TypeGel-freeJacket ColorAquaJacket MarkingFeetTotal Fiber Count12

Dimensions

Diameter Over Jacket 2 mm | 0.079 in

Representative Image





760242035 | P-012-MP-5K-F20AQ

Mechanical Specifications

Minimum Bend Radius, loaded38 mm1.496 inMinimum Bend Radius, unloaded16 mm0.63 inTensile Load, long term, maximum33 N | 7.419 lbf

Tensile Load, short term, maximum 111 N | 24.954 lbf

Compression 4 N/mm | 22.841 lb/in

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

Flex 300 cycles

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

Impact 0.74 N-m | 6.55 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 500 m | 1,640.42 ft

Optical Specifications

Fiber Type OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

Environmental Specifications

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

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 °C to +70 °C (+32 °F to +158 °F)

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760242035 | P-012-MP-5K-F20AQ

Low High Bend Test Method FOTP-37 | IEC 60794-1 E11

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

Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 4.3 kg/km | 2.889 lb/kft

Regulatory Compliance/Certifications

Agency	Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

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

ROHS Compliant UK-ROHS Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

