PPLUGXRLCLCS



Propel ULL Multimode OM4 Cabled Module, 2x16 duplex LC Propel module on End A to 2x16 on End B, 32 fiber Plenum Trunk, Method B Enhanced

- This component requires 4 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 A16 fiberModule Size, end B16 fiberModule Quantity, end A2

Module Quantity, end A 2
Module Quantity, end B 2

Polarity Method B Enhanced (ULL)

COMMSCOPE®

PPLUGXRLCLCS

Total Fibers, quantity 32

Total Ports, quantity, front 16

Total Ports, quantity, rear 16

Dimensions

 Height
 11 mm | 0.433 in

 Width
 131 mm | 5.157 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 1

Regulatory Compliance/Certifications



PPLUGXRLCLCS

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted

UK-ROHS Compliant

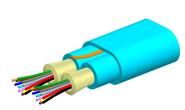


Included Products

760250999 – Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 32 fiber with 16 fiber subunits, Multimode P-032-MP-5K-F16AQ OM4, Feet jacket marking, Aqua jacket color



760250999 | P-032-MP-5K-F16AQ



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 32 fiber with 16 fiber subunits, 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 Type Gel-free

Jacket Color Aqua

Jacket Marking Feet

Subunit, quantity 2

Fibers per Subunit, quantity 16

Total Fiber Count 32

Dimensions

Height Over Jacket3.9 mm | 0.154 inWidth Over Jacket6.9 mm | 0.272 in

Buffer Tube/Subunit Diameter 3 mm | 0.118 in

Mechanical Specifications

Minimum Bend Radius, loaded58 mm | 2.283 inMinimum Bend Radius, unloaded39 mm | 1.535 inTensile Load, long term, maximum200 N | 44.962 lbf

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760250999 | P-032-MP-5K-F16AQ

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

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 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)

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 Bend0 °C to +70 °C (+32 °F to +158 °F)Low High Bend Test MethodFOTP-37 | IEC 60794-1 E11Temperature Cycle0 °C to +70 °C (+32 °F to +158 °F)

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



760250999 | P-032-MP-5K-F16AQ

Packaging and Weights

Cable weight 29 kg/km | 19.487 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

