PPLAGXRLCRZR

Propel ULL Multimode OM4 Cabled Module, 1x16 duplex LC Propel module on End A to 1x16f MPO /APC pinned Multimode on End B, 16 fiber Plenum Trunk, Method A

- This component requires 4 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 Color Aqua

Cable Type Trunk Cable - Plenum

Interface, front LC/UPC

Interface Feature, front Duplex | Shuttered

Interface Color, front Aqua

Interface, rear MPO-16/APC Male

Interface Feature, rear Key up/down | Pinned

Module Size, end A 8 fiber

Module Size, end B 8 fiber

Module Quantity, end A 1

Module Quantity, end B

Polarity Method A

Total Fibers, quantity 16

Total Ports, quantity, front 8

COMMSC PE°

PPLAGXRLCRZR

Dimensions

 Height
 11 mm | 0.433 in

 Width
 65 mm | 2.559 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 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

COMMSC PE®

PPLAGXRLCRZR

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

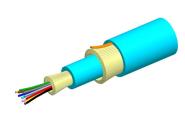


Included Products

760250998 – Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 16 fiber, Multimode OM5, Feet jacket P-016-MP-5K-F16AQ marking, Aqua jacket color



760250998 | P-016-MP-5K-F16AQ



Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 16 fiber, Multimode OM5, 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

Jacket ColorAquaJacket MarkingFeet

Total Fiber Count 16

Dimensions

Buffer Tube/Subunit Diameter 3 mm | 0.118 in

Diameter Over Jacket 4.9 mm | 0.193 in

Mechanical Specifications

Minimum Bend Radius, loaded74 mm | 2.913 inMinimum Bend Radius, unloaded49 mm | 1.929 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 N | 149.948 lbfCompression10 N/mm | 57.101 ll

Compression 10 N/mm | 57.101 lb/in

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



760250998 | P-016-MP-5K-F16AQ

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 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

Cable weight 23 kg/km | 15.455 lb/kft

* Footnotes

COMMSCOPE®

760250998 | P-016-MP-5K-F16AQ

Operating Temperature Specification applicable to non-terminated bulk fiber cable