PPLAGVDLCMPL



Propel ULL Multimode OM5 Cabled Module, 8x12 duplex LC Propel module on End A to 1x12f MPO/UPC non-pinned on End B, 96 fiber Plenum Trunk, Method A

- This component requires 3 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 | Lime green |
| Cable Type | Trunk Cable - Plenum |
| Interface, front | LC/UPC |
| Interface Feature, front | Duplex Shuttered |
| Interface Color, front | Lime green |
| Interface, rear | MPO-12/UPC Female |
| Interface Feature, rear | Key up/down Unpinned |
| Module Size, end A | 12 fiber |
| Module Size, end B | 12 fiber |
| Module Quantity, end A | 8 |
| Module Quantity, end B | 8 |
| Polarity | Method A |
| Total Fibers, quantity | 96 |

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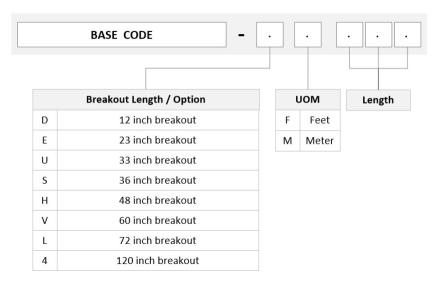
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PPLAGVDLCMPL

| Total Ports, quantity, front | 48 |
|----------------------------------|--|
| Dimensions | |
| Height | 11 mm 0.433 in |
| Width | 98 mm 3.858 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 Mode | Multimode |
|-------------------------|-----------|
| Fiber Type | OM5 |
| 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

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PPLAGVDLCMPL

Packaging quantity

1

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

| 760242123 | - | Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 96 fiber multi-unit with 12 fiber subunits, |
|-----------------------|---|--|
| P-096-MP-5G-F12LM/20T | | Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color |

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760242123 | P-096-MP-5G-F12LM/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 96 fiber multi-unit with 12 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green 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 | Lime green |
| Jacket Marking | Feet |
| Subunit, quantity | 8 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 96 |
| Dimensions | |
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Jacket | 10.9 mm 0.429 in |
| | |

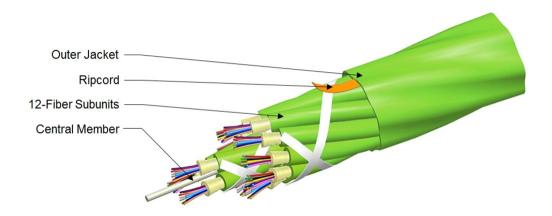
Representative Image

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760242123 | P-096-MP-5G-F12LM/20T



Mechanical Specifications

| Minimum Bend Radius, loaded | 165 mm 6.496 in |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, unloaded | 110 mm 4.331 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 |
| 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 | 156 m 511.811 ft |
| Optical Specifications | |

Fiber Type

OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

Environmental Specifications

| Installation temperature | 0 °C to +70 °C (+32 °F to +158 °F) |
|--------------------------|------------------------------------|
| Operating Temperature | 0 °C to +70 °C (+32 °F to +158 °F) |

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760242123 | P-096-MP-5G-F12LM/20T

| 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

131 kg/km | 88.028 lb/kft

Regulatory Compliance/Certifications

Classification

Agency

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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