### PPLUGV8LCUCK



Propel ULL Multimode OM5 Cabled Module, 9x8 duplex LC Propel module on End A to Stub on End B, 72 fiber Plenum Trunk, Method B Enhanced

- This component requires 2 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         | 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 Stub   |
|------------------------------|-------------------------|
| 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              | Stub                    |
| Module Size, end A           | 8 fiber                 |
| Module Quantity, end A       | 9                       |
| Polarity                     | Method B Enhanced (ULL) |
| Total Fibers, quantity       | 72                      |
| Total Ports, quantity, front | 36                      |
| Dimensions                   |                         |
| Height                       | 11 mm   0.433 in        |

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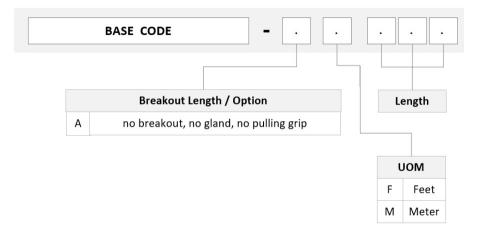
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## PPLUGV8LCUCK

| Width                            | 98 mm   3.858 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              | OM5       |
| Insertion Loss, maximum | 0.35 dB   |

#### **Environmental Specifications**

| Qualification Standards | IEC 61753-1   TIA-568.3-D |
|-------------------------|---------------------------|
| Safety Standard         | c-UL-us                   |

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#### Packaging and Weights

#### Packaging quantity

#### Regulatory Compliance/Certifications

| Agency     | Classification                    |
|------------|-----------------------------------|
| CHINA-ROHS | Above maximum concentration value |
| ROHS       | Compliant/Exempted                |

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### PPLUGV8LCUCK

UK-ROHS

Compliant/Exempted



Included Products

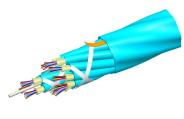
760248194 P-072-MP-5G-F08AQ/20T Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 72 fiber multi-unit with 8 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Aqua jacket color

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### 760248194 | P-072-MP-5G-F08AQ/20T



Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 72 fiber multi-unit with 8 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Aqua jacket color

#### Product Classification

| Regional Availability        | Asia   Australia/New Zealand   Latin America   Middle East<br>/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  |
| Filler, quantity             | 3   |
| Jacket Color                 | Aqua  |
| Jacket Marking               | Feet  |
| Subunit, quantity            | 9   |
| Fibers per Subunit, quantity | 8   |
| Total Fiber Count            | 72  |
| Dimensions                   |   |
| Buffer Tube/Subunit Diameter | 2 mm   0.079 in   |
| Diameter Over Jacket         | 11.8 mm   0.465 in  |

#### Representative Image

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### 760248194 | P-072-MP-5G-F08AQ/20T



#### Mechanical Specifications

| Minimum Bend Radius, loaded       | 172 mm   6.772 in                     |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, unloaded     | 115 mm   4.528 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            | 500 m   1,640.42 ft                   |
| Optical Specifications            |                                       |

#### Optical Specifications

Fiber Type

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)   |
| Storage Temperature      | -40 °C to +70 °C (-40 °F to +158 °F) |

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# 760248194 | P-072-MP-5G-F08AQ/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 °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

143 kg/km | 96.092 lb/kft

#### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

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