

# PPLUGVRLCRVR



Propel ULL Multimode OM5 Cabled Module, 1x16 duplex LC Propel module on End A to 1x16f MPO/APC non-pinned Multimode on End B, 16 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

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	SYSTIMAX®
<b>Product Type</b>	Fiber cabled module
<b>Product Brand</b>	Propel
<b>Product Series</b>	PPL
<b>Ordering Note</b>	For lengths greater than 999 ft (304 m), orders must be in meters   Maximum length is 400 meters

## General Specifications

<b>Configuration Type</b>	PROPEL Module to MPO Connector
<b>Cable Color</b>	Lime green
<b>Cable Type</b>	Trunk Cable - Plenum
<b>Interface, front</b>	LC/UPC
<b>Interface Feature, front</b>	Duplex   Shuttered
<b>Interface Color, front</b>	Lime green
<b>Interface, rear</b>	MPO-16/APC Female
<b>Interface Feature, rear</b>	Key up/up   Unpinned
<b>Module Size, end A</b>	16 fiber
<b>Module Size, end B</b>	16 fiber
<b>Module Quantity, end A</b>	1
<b>Module Quantity, end B</b>	1
<b>Polarity</b>	Method B Enhanced (ULL)
<b>Total Fibers, quantity</b>	16

# PPLUGVRLCRVR

**Total Ports, quantity, front** 8

## Dimensions

**Height** 11 mm | 0.433 in  
**Width** 131 mm | 5.157 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

# PPLUGVRLCRVR

---

**Packaging quantity** 1

## Regulatory Compliance/Certifications

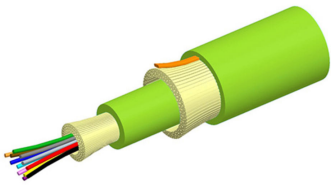
<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant



## Included Products

- 760251006 P-016-MP-5G-F16LM – Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 16 fiber, Multimode OM5, Feet jacket marking, Lime green jacket color

# 760251006 | P-016-MP-5G-F16LM



Fiber indoor cable, LazrSPEED® Plenum for MPO Trunks, 16 fiber, Multimode OM5, Feet jacket marking, Lime green jacket color

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   Latin America   Middle East /Africa   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor cable
<b>Product Series</b>	P-MP

## General Specifications

<b>Cable Type</b>	MPO trunk cable
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Lime green
<b>Jacket Marking</b>	Feet
<b>Total Fiber Count</b>	16

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	3 mm   0.118 in
<b>Diameter Over Jacket</b>	4.9 mm   0.193 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	74 mm   2.913 in
<b>Minimum Bend Radius, unloaded</b>	49 mm   1.929 in
<b>Tensile Load, long term, maximum</b>	200 N   44.962 lbf
<b>Tensile Load, short term, maximum</b>	667 N   149.948 lbf
<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3

# 760251006 | P-016-MP-5G-F16LM

---

<b>Flex</b>	300 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	0.74 N-m   6.55 in lb
<b>Impact Test Method</b>	FOTP-25   IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33   IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7
<b>Vertical Rise, maximum</b>	500 m   1,640.42 ft

## Optical Specifications

<b>Fiber Type</b>	OM5, LazrSPEED® wideband   OM5, LazrSPEED® wideband
-------------------	---

## Environmental Specifications

<b>Installation temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Operating Temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-83-596   Telcordia GR-409
<b>Environmental Space</b>	Plenum
<b>Flame Test Listing</b>	NEC OFNP (ETL) and c(ETL)
<b>Flame Test Method</b>	NFPA 130   NFPA 262

## Environmental Test Specifications

<b>Heat Age</b>	0 °C to +85 °C (+32 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Low High Bend</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	23 kg/km   15.455 lb/kft
---------------------	--------------------------

## \* Footnotes

# 760251006 | P-016-MP-5G-F16LM

---

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