

Passive PM CWDM, Field Unit (5.5mmx35mm) Barrel Style, 1 channel, 20nm spacing, (1271nm), .9mm, 1M cable with SC/APC connectors.



PPMCW-013-27-3-195

Features

- Polarized Maintaining
- Low Insertion Loss
- Compact Size
- Barrel Style Module
- .9mm loose tube cable
- 1M, SC/APC

Applications

- Communications Networks
- Coherent Detection
- Fiber Sensors
- Research and Development

Description

The L-com PPMCW-013-27-3-195 is a polarized maintaining CWDM Passive Filter with 1 Channel. The L-com PPMCW-013-27-3-195 comes with a 3 Port 5.5mmx35mm, Barrel Style filter offering 20nm Channel Spacing. The L-com PPMCW-013-27-3-195 wavelength is 1271nm and has a .9mm diameter 1M cable with SC/APC connectors. The L-com PPMCW-013-27-3-195 is one of thousands fiber optic products in-stock and ready to ship. Contact our knowledgeable technical support and sales staff with your questions on fiber optic connectivity or other L-com products.

Configuration

Filter Type	PM CWDM
Module Type	Barrel
Number of Channels	1
Starting Channel	1271nm
Ports	3 Port
Package (excluding boots)	5.5mm x 35mm
Connector Type	SC
Polish	APC
PM Connector Alignment	Slow Axis

Filter Specifications

Description	Minimum	Typical	Maximum	Units
Operating Wavelength	1260		1620	nm
Pass Port Insertion Loss			0.8	dB
Pass Band Bandwidth	-6.5		6.5	nm
Channel Spacing (nm)		20		nm
Return Loss	45			dB
Directivity	45			dB
PDL			0.15	dB
Power Handling			300	mW
Reflect Band Insertion Loss			0.45	dB
Extinction Ratio at 23° C	20			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Passive PM CWDM, Field Unit \(5.5mmx35mm\) Barrel Style, 1 channel, 20nm spacing, \(1271nm\), .9mm, 1M cable with SC/APC connectors. PPM-](#)

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Size

Length	39.37 in [100 cm]
Weight	0.25 lbs [113.4 g]

Environmental Specifications

Temperature

Operating Range	-5 to +70 deg C
Storage Range	-40 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Passive PM CWDM, Field Unit (5.5mmx35mm) Barrel Style, 1 channel, 20nm spacing, (1271nm), .9mm, 1M cable with SC/APC connectors. from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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L-com CAD Drawing

