

Passive PM DWDM, Field Unit Cassette, Mux & DeMux Combo, 4 Channel, 100 GHz spacing, start Ch 24-27, .9mm, 1M cable with SC/APC connectors.



## PPMDW-AC04-124-195

### Features

- Polarized Maintaining
- Low Insertion Loss
- Compact Size
- Cassette Module
- Mux & DeMux Combo
- 100 GHz, ITU Ch 24-27
- .9mm loose tube cable
- 1M, SC/APC
- Upgrade Port

### Applications

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

### Description

The L-com PPMDW-AC04-124-195 is a polarized maintaining DWDM Passive Filter with 4 Channels. The L-com PPMDW-AC04-124-195 is a Mux & DeMux Combo (100mmX80mmX10mm) Cassette filter offering 100 GHz Channel Spacing that includes an upgrade port with no additional parts necessary. The L-com PPMDW-AC04-124-195 has 4 channels, starting with ITU Ch 24-27 and has a .9mm diameter 1M cable with SC/APC connectors. The L-com PPMDW-AC04-124-195 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 DWDM                                         |
| Module Type            | Cassette                                        |
| Module Function        | Mux/DeMux                                       |
| Number of Channels     | 4                                               |
| Starting Channel       | 1558.17nm                                       |
| Ports                  | Upgrade Port, ITU 16-39 except 4 demux channels |
| Connector Type         | SC                                              |
| Polish                 | APC                                             |
| PM Connector Alignment | Slow Axis                                       |

### Filter Specifications

| Description                    | Minimum | Typical | Maximum | Units |
|--------------------------------|---------|---------|---------|-------|
| Pass Band Insertion Loss       |         |         | 2       | dB    |
| Channel Spacing (GHz)          |         | 100     |         | GHz   |
| Return Loss                    | 45      |         |         | dB    |
| Directivity                    | 45      |         |         | dB    |
| PDL                            |         |         | 0.2     | dB    |
| Adjacent Channel Isolation     | 30      |         |         | dB    |
| Non-Adjacent Channel Isolation | 45      |         |         | dB    |
| Extinction Ratio at 23° C      | 20      |         |         | dB    |
| Channel Bandwidth at -0.5dB    | -0.11   |         | 0.11    | nm    |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Passive PM DWDM, Field Unit Cassette, Mux & DeMux Combo, 4 Channel, 100 GHz spacing, start Ch 24-27, .9mm, 1M cable with SC/APC connec-](#)

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### Size

Length

39.37 in [100 cm]

Weight

0.5 lbs [226.8 g]

### Environmental Specifications

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

### Plotted and Other Data

Notes:

Passive PM DWDM, Field Unit Cassette, Mux & DeMux Combo, 4 Channel, 100 GHz spacing, start Ch 24-27, .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 implement 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

