

Passive DWDM, Barrel-style OADM, 1 Ch 100 GHz,  
ITU Ch 24, 1.0m 900um buffer fiber leads



## PDW5A-01124-19NN

### Features

- Passive DWDM OADM
- 1 channel 100 GHz spacing
- steel barrel-style filter
- -5 to 75C operating temperature and -40 to 85C storage temperature
- operation in up to 95% relative humidity

### Applications

- Single Mode Fiber Networking
- Metro transport
- Regional Distribution
- Outside Plant (OSP) Operation

### Description

The L-com PDW5A-01124-19NN is a passive DWDM OADM for use in outside plant (OSP) applications. The PDW5A-01124-19NN features 1 channel (channel 24), with 100 GHz spacing. The L-com PDW5A-01124-19NN is a steel barrel-style filter with 36mm x 5.5mm round filter dimensions and 1.0m length fiber leads, with 900um buffered jackets. The PDW5A-01124-19NN design allows for -5 to 75C operating temperature and -40 to 85C storage temperature as well as operation in up to 95% relative humidity. The L-com PDW5A-01124-19NN is in stock and ready to ship. We require no MOQs (minimum order quantity). We will process and ship your order the same day.

### Configuration

#### Filter Specifications

| Description                  | Minimum | Typical | Maximum | Units   |
|------------------------------|---------|---------|---------|---------|
| Operating Wavelength         | 1520    |         | 1570    | nm      |
| Pass Band                    | 0.125   |         |         | nm      |
| Pass Band Ripple             |         |         | 0.5     | dB      |
| Channel Spacing              |         | 0.8     |         | nm      |
| Return Loss                  | 45      |         |         | dB      |
| Directivity                  |         |         | 50      | dB      |
| PDL                          |         |         | 0.25    | dB      |
| PMD                          |         |         | 0.2     | PS      |
| IL Thermal Stability         |         |         | 0.005   | dB/degC |
| Wavelength Thermal Stability |         |         | 0.002   | nm/degC |

### Environmental Specifications

#### Temperature

|                 |                  |
|-----------------|------------------|
| Operating Range | -5 to +75 deg C  |
| Storage Range   | -40 to +85 deg C |
| Humidity        | 5~95% RH         |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Passive DWDM, Barrel-style OADM, 1 Ch 100 GHz, ITU Ch 24, 1.0m 900um buffer fiber leads PDW5A-01124-19NN](#)

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## PDW5A-01124-19NN



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

### Plotted and Other Data

Notes:

Passive DWDM, Barrel-style OADM, 1 Ch 100 GHz, ITU Ch 24, 1.0m 900um buffer fiber leads 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.

L-com CAD Drawing

