

Passive DWDM, Field Unit (34mmx5.5mm barrel) OADM,  
1 Channel 100 GHz, ITU Ch55, 1.0m 900um buffer fiber leads



## PDW5A-01155-19NN

### Features

- Passive
- DWDM
- Field Unit OADM
- 100 GHz spacing
- 1 Channel
- ITU Channel 55
- 1.0m 900um buffer fiber leads

### Applications

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

### Description

L-com's PDW5A-01155-19NN is a DWDM passive filter with 1 channel - ITU channel 55 and 100GHz spacing. PDW5A-01155-19NN is a Field Unit 34mm x 5.5mm barrel OADM. L-com's PDW5A-01155-19NN has 1.0m 900um buffer fiber leads. L-com's PDW5A-01155-19NN is one of thousands of fiber optic products available in-stock and ready to ship today.

### Configuration

|                    |           |
|--------------------|-----------|
| Filter Type        | DWDM      |
| Module Type        | OADM      |
| Module Function    | Barrel    |
| Number of Channels | 1         |
| Connector Type     | Pigtailed |

### Filter Specifications

| Description                  | Minimum | Typical | Maximum | Units   |
|------------------------------|---------|---------|---------|---------|
| Operating Wavelength         | 1520    |         | 1570    | nm      |
| Pass Band                    | 0.125   |         |         | nm      |
| Pass Band Insertion Loss     |         |         | 1       | dB      |
| Pass Band Ripple             |         |         | 0.5     | dB      |
| Channel Spacing (GHz)        |         | 100     |         | GHz     |
| Return Loss                  | 45      |         |         | dB      |
| Directivity                  |         |         | 50      | dB      |
| PDL                          |         |         | 0.25    | dB      |
| PMD                          |         |         | 0.2     | PS      |
| Reflect Band Insertion Loss  |         |         | 0.8     | dB      |
| IL Thermal Stability         |         |         | 0.005   | dB/degC |
| Wavelength Thermal Stability |         |         | 0.002   | nm/degC |

### Size

Length 8 in [203.2 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Passive DWDM, Field Unit \(34mmx5.5mm barrel\) OADM, 1 Channel 100 GHz, ITU Ch55, 1.0m 900um buffer fiber leads PDW5A-01155-19NN](#)

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## PDW5A-01155-19NN

|        |                    |
|--------|--------------------|
| Weight | 0.25 lbs [113.4 g] |
|--------|--------------------|

### Environmental Specifications

#### Temperature

|                 |                  |
|-----------------|------------------|
| Operating Range | -5 to +75 deg C  |
| Storage Range   | -40 to +85 deg C |

|          |      |
|----------|------|
| Humidity | 5~95 |
|----------|------|

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

### Plotted and Other Data

Notes:

Passive DWDM, Field Unit (34mmx5.5mm barrel) OADM, 1 Channel 100 GHz, ITU Ch55, 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 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

