

Passive DWDM, Field Unit (34mmx5.5mm barrel) OADM,  
1 Channel 100 GHz, ITU Ch42, 1.0m 900um buffer fiber leads



## PDW5A-01142-19NN

### Features

- Passive
- DWDM
- Field Unit OADM
- 100 GHz spacing
- 1 Channel
- ITU Channel 42
- 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-01142-19NN is a DWDM passive filter with 1 channel - ITU channel 42 and 100GHz spacing. PDW5A-01142-19NN is a Field Unit 34mm x 5.5mm barrel OADM. L-com's PDW5A-01142-19NN has 1.0m 900um buffer fiber leads. L-com's PDW5A-01142-19NN 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 Ch42, 1.0m 900um buffer fiber leads PDW5A-01142-19NN](#)

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## PDW5A-01142-19NN

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 Ch42, 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

