

Passive DWDM, OSP Ring OADM, 1 Channel, 100 GHz spacing, channel 47, SC/APC Connector LGX



## PDWMR-01147-195N

### Features

- Passive
- DWDM
- OSP Ring OADM
- 1 Channel
- 100 GHz spacing
- Channel 47
- LGX
- SC/APC connector

### Applications

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

### Description

L-com's PDWMR-01147-195N is a DWDM passive filter with 100GHz spacing and 1 channel which is channel 47. L-com's PDWMR-01147-195N is a LGX filter with SC/APC connector. L-com's PDWMR-01147-195N is one of thousands of fiber optic products available in-stock and ready to ship today.

### Configuration

|                    |           |
|--------------------|-----------|
| Filter Type        | DWDM      |
| Module Type        | DWDM      |
| Module Function    | Ring OADM |
| Number of Channels | 1         |
| Connector Type     | SC/APC    |

### Filter Specifications

| Description                  | Minimum | Typical | Maximum | Units   |
|------------------------------|---------|---------|---------|---------|
| Pass Port Isolation          | 30      |         |         | dB      |
| Channel Spacing (GHz)        |         | 100     |         | GHz     |
| Channel Insertion Loss       |         |         | 1.5     | dB      |
| Return Loss                  | 40      |         |         | dB      |
| Directivity                  |         |         | 45      | dB      |
| PDL                          |         |         | 0.2     | dB      |
| PMD                          |         |         | 0.1     | PS      |
| IL Thermal Stability         |         |         | 0.5     | dB/degC |
| Wavelength Thermal Stability |         |         | 0.002   | nm/degC |

### Size

|        |                     |
|--------|---------------------|
| Length | 3.15 in [80.01 mm]  |
| Weight | 0.29 lbs [131.54 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Passive DWDM, OSP Ring OADM, 1 Channel, 100 GHz spacing, channel 47, SC/APC Connector LGX PDWMR-01147-195N](#)

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## PDWMR-01147-195N

### Environmental Specifications

#### Temperature

Operating Range

0 to +70 deg C

Storage Range

-20 to +80 deg C

Humidity

5-95 %RH

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

### Plotted and Other Data

Notes:

Passive DWDM, OSP Ring OADM, 1 Channel, 100 GHz spacing, channel 47, SC/APC Connector LGX 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

