

Passive CWDM, Field Unit Barrel OADM, 1 Channel 20nm  
1510nm, 2m 250um colored bare fiber, Pass Port



## PCW5A-01351-24N3

### Features

- Passive
- CWDM
- 20nm spacing
- Barrel filter (34mmx5.5mm)
- Single channel OADM
- CWDM 1511nm
- 2m 250um colored fiber leads
- Pass fiber for unused CWDM channels
- industrial temperature (-40c ~ 85c)

### Applications

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

### Description

The L-COM PCW5A-01351-24N3 is a CWDM Passive Filter with 1 Channel OADM. The L-COM PCW5A-01351-24N3 is a 34x5.5mm barrel filter with add a single channel to a composite signal or remove a single channel from a composite signal. The L-COM PCW5A-01351-24N3 is rated for industrial temperature function (-40c to +85c) for applications such as outside plant installation. The L-COM PCW5A-01351-24N3 has single channel 1511nm Add/Drop with other channels being passed. The L-COM PCW5A-01351-24N3 has 2 meter 250um colored fiber leads. The PCW5A-01351-24N3 is a single fiber filter for adding or removing a single wavelength from a COM signal. and are used in pairs for implementations using two fibers. L-COM produces the high quality passive filters that your business can rely on. With products continually in stock and same-day shipping, our expert technical support and knowledgeable sales team can get you to the right parts for the job.

### Configuration

|                    |                       |
|--------------------|-----------------------|
| Connector Type     | 250um Bare Fiber (2M) |
| Number of Channels | 1                     |
| Module Function    | OADM                  |
| Filter Type        | CWDM                  |

### Filter Specifications

| Description                | Minimum | Typical | Maximum | Units |
|----------------------------|---------|---------|---------|-------|
| Operating Wavelength       | 1260    |         | 1620    | nm    |
| Pass Band                  | 6.5     |         |         | nm    |
| Pass Band Insertion Loss   |         |         | 1       | dB    |
| Pass Band Ripple           |         |         | 0.5     | dB    |
| Channel Spacing            |         | 20      |         | nm    |
| Return Loss                | 45      |         |         | dB    |
| Directivity                |         |         | 50      | dB    |
| PDL                        |         |         | 0.15    | dB    |
| PMD                        |         |         | 0.15    | PS    |
| Power Handling             |         |         | 300     | mW    |
| Adjacent Channel Isolation | 30      |         |         | dB    |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Passive CWDM, Field Unit Barrel OADM, 1 Channel 20nm 1510nm, 2m 250um colored bare fiber, Pass Port PCW5A-01351-24N3](#)

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|                                |     |    |
|--------------------------------|-----|----|
| Non-Adjacent Channel Isolation | 45  | dB |
| Reflect Channel Isolation      | 12  | dB |
| Reflect Band Insertion Loss    | 0.8 | dB |

### Environmental Specifications

#### Temperature

Operating Range -40 to +85 deg C

Storage Range -40 to +85 deg C

Humidity 5-95 %RH

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

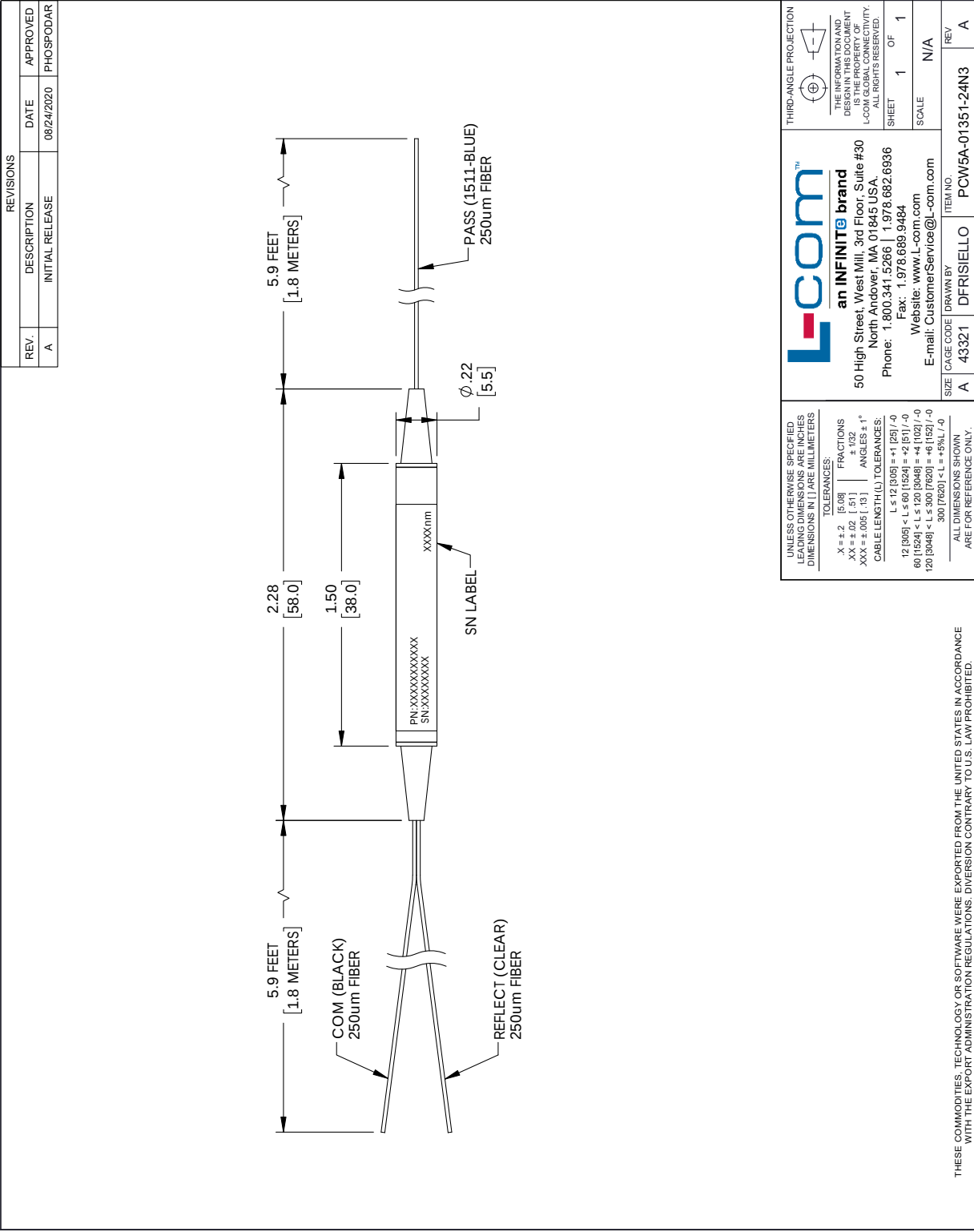
### Plotted and Other Data

Notes:

Passive CWDM, Field Unit Barrel OADM, 1 Channel 20nm 1510nm, 2m 250um colored bare fiber, Pass Port 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.

L-com CAD Drawing



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