

Passive DWDM, OSP Ring OADM, 1 Channel, 100 GHz spacing, channel 40, 900um 1m fiber, SC/APC connector



## PDW1R-01140-NN5N

### Features

- Passive
- DWDM
- OSP Ring OADM
- 1 Channel
- 100 GHz spacing
- Channel 40
- 900um 1m fiber with SC/APC connector

### Applications

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

### Description

L-com's PDW1R-01140-NN5N is a DWDM passive filter with 100GHz spacing and 1 channel which is channel 40. L-com's PDW1R-01140-NN5N has 900um buffer fiber lead which is 1 meter long with SC/APC connector. L-com's PDW1R-01140-NN5N 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 40, 900um 1m fiber, SC/APC connector PDW1R-01140-NN5N](#)

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## PDW1R-01140-NN5N

### 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

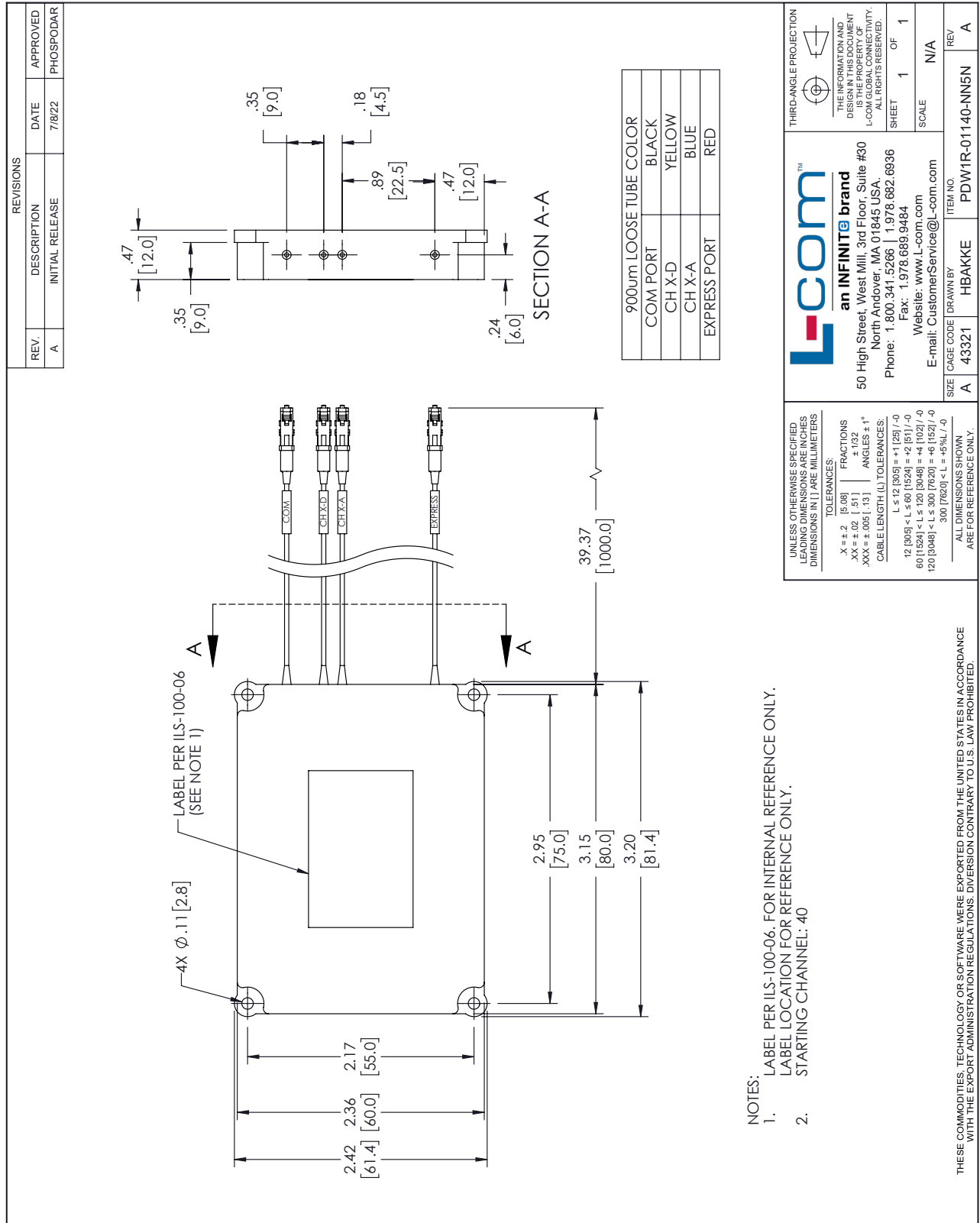
Notes:

Passive DWDM, OSP Ring OADM, 1 Channel, 100 GHz spacing, channel 40, 900um 1m fiber, SC/APC connector 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.

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**L-com CAD Drawing**



- NOTES:
- LABEL PER ILS-100-06. FOR INTERNAL REFERENCE ONLY. LABEL LOCATION FOR REFERENCE ONLY.
  - STARTING CHANNEL: 40

**L-com**  
an INFINITE brand

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	43321	HBAKKE	PDW1R-01140-NN5N
			REV A