

Passive CWDM, Single LGX Mux, 4 Ch. w/ 20nm spacing, start ch 1550nm, LC/UPC w/ MON (1%)&Pass Single com fiber

# PCW1M-04355-NN46

### **Features**

- Passive
- CWDM
- · 20nm spacing
- Standard LGX cassette
- Single Fiber Mux

#### Applications

- Single Mode Fiber Networking
- Single Fiber
- Mux function

## Description

- 4 Channels
- Starting with channel 1551nm
- LC/UPC connectors
- 1% Monitor option
- Pass / Express option
- · Metro transport
- Regional Distribution
- · Inside Plant (ISP) Operation

The L-COM PCW1M-04355-NN46 is a CWDM Passive Filter with 4 CWDM Channels. The L-COM PCW1M-04355-NN46 is a single HU LGX cassette filter with Mux functionality. The L-COM PCW1M-04355-NN46 has 4 channels: 1551, 1571, 1591, and 1611nm, starting with 1551nm and with 20nm spacing. The L-COM PCW1M-04355-NN46 has LC/UPC connectors and has Monitor port option and a PASS port to carry the unused CWDM channels through. The L-COM PCW1M-04355-NN46 is a single fiber filter for sending channels muxed into a COM signal. 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.

Configuratio	on
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LC/UPC
4
Mux
CWDM

## **Filter Specifications**

Description	Minimum	Typical	Maximum	Units
Operating Wavelength	1260		1635	nm
Pass Port Wavelength	1,271		1,611	nm
Pass Port Insertion Loss			1.8	dB
Pass Port Isolation	12			dB
Pass Band	6.5			nm
Pass Band Ripple			0.5	dB
Center Wavelength (Channel)	1,551		1611	nm
Channel Spacing		20		nm
Channel Insertion Loss			2	dB
Return Loss	45			dB
Directivity			50	dB
PDL			0.25	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, Single LGX Mux, 4 Ch. w/ 20nm spacing, start ch 1550nm, LC/UPC w/ MON (1%)&Pass Single com fiber PCW1M-04355-NN46





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## PCW1M-04355-NN46

PMD	0.2	PS
Power Handling	300	mW
Channel to Moniter Port IL	25	dB
COM to Moniter Port IL	23	dB
IL Thermal Stability	0.005	dB/degC
Wavelength Thermal Stability	0.002	nm/degC
Wavelength Thermal Stability	0.	002

### **Environmental Specifications**

Temperature	
Operating Range	-20 to +65 deg C
Storage Range	-40 to +85 deg C
Humidity	5-98 %RH

Compliance Certifications (see product page for current document)

### **Plotted and Other Data**

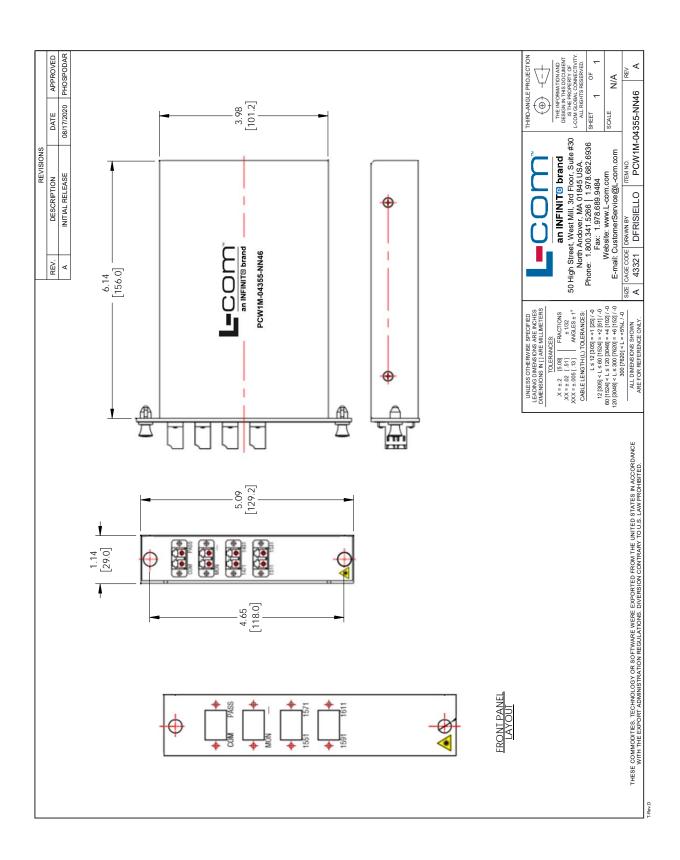
Notes:

Passive CWDM, Single LGX Mux, 4 Ch. w/ 20nm spacing, start ch 1550nm, LC/UPC w/ MON (1%)&Pass Single com fiber 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



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