

Passive CWDM, 1 RU Mux & Demux, 16 Channel (skip 1391-1411nm) with 20 nm spacing, starting at Ch 1271nm, LC/APC with Monitor



PCW3C-CA327-NN34

Features

- Passive
- CWDM
- 20nm spacing
- Mux & Demux
- 16 Channels (skipping 1391-1411nm)
- Starting with channel 1271nm
- LC/APC Monitor

Applications

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

Description

L-com's PCW3C-CA327-NN34 is a CWDM passive filter with 16 channels with 20nm spacing. L-com's PCW3C-CA327-NN34 is 1 RU with Mux and Demux functionality. L-com's PCW3C-CA327-NN34 has 16 channels: 1271, 1291, 1311, 1331, 1351, 1371, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, and 1611nm (skipping 1391 and 1411nm), starting with 1271nm and with 20nm spacing with LC/APC and monitor. A monitor port used to analyze or test the power signal coming into or out of a multiplexer, either before it reaches the de-multiplexer (received signal) or as it exits the multiplexer (transmitted signal). L-com's PCW3C-CA327-NN34 is one of thousands of fiber optic products available in-stock and ready to ship today.

Configuration

Module Type	CWDM
Module Function	Mux/Demux
Number of Channels	16
Starting Channel	1271nmnm
Optional Ports	Monitor Port
Connector Type	LC/APC

Filter Specifications

Description	Minimum	Typical	Maximum	Units
Operating Wavelength	1260		1635	nm
Pass Band	-6.5		6.5	nm
Pass Band Ripple			0.5	dB
Center Wavelength (Channel)	1271		1611	nm
Channel Spacing (nm)		20		nm
Channel Insertion Loss			4	dB
Return Loss	45			dB
Directivity			50	dB
PDL			0.25	dB
PMD			0.2	PS
Power Handling			300	mW
Channel to Monitor Port IL			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, 1 RU Mux & Demux, 16 Channel \(skip 1391-1411nm\) with 20 nm spacing, starting at Ch 1271nm, LC/APC with Monitor PCW3C-](#)

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COM to Monitor Port IL	23	dB
IL Thermal Stability	0.005	dB/degC
Wavelength Thermal Stability	0.002	nm/degC

Size

Length	19 in [482.6 mm]
Weight	7.5 lbs [3.4 kg]

Environmental Specifications

Temperature

Operating Range	-20 to +65 deg C
Storage Range	-40 to +85 deg C

Humidity	5-98 %RH
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Passive CWDM, 1 RU Mux & Demux, 16 Channel (skip 1391-1411nm) with 20 nm spacing, starting at Ch 1271nm, LC/APC with Monitor 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

