

Passive DWDM, 1 RU 19" Rack Mount Mux & Demux,
40 Channels with 100 GHz spacing, starting Ch20
(1561.42nm), LC-APC connectors, Monitor (1%)



PDW3C-40120-NN34

Features

- Passive
- DWDM
- 100 GHz spacing
- 1 RU 19" Rack Mount Combo Mux & Demux
- 40 channels
- Channels 20 (1561.42nm)
- LC/APC, Monitor (1%)

Applications

- Single Mode Fiber Networking
- Single Fiber
- Mux function
- Metro transport
- Regional Distribution
- Inside Plant (ISP) Operation

Description

L-com's PDW3C-40120-NN34 is a DWDM passive filter with 40 channels and 100GHz spacing. L-com's PDW3C-40120-NN34 is a 1 RU 19" Rack Mount with Mux and Demux functionality. L-com's PDW3C-40120-NN34 has LC/APC connectors starting at channel 20 (1561.42nm) with Monitor (1%). Monitor port taps 1% of the total signal power. This value is sufficient for use with monitoring and measurement devices, such as power meters or network analyzers. L-com's PCW1D-04355-NN36 is one of thousands of fiber optic products available in-stock and ready to ship today.

Configuration

Filter Type	DWDM
Module Type	RU Rack
Module Function	Mux/DeMux
Number of Channels	40
Starting Channel	1561.42nm
Connector Type	LC
Polish	APC

Filter Specifications

Description	Minimum	Typical	Maximum	Units
Operating Wavelength	1527.22		1564.68	nm
Pass Band	0.125			nm
Pass Band Ripple			0.5	dB
Channel Spacing (GHz)		100		GHz
Channel Insertion Loss			4	dB
Return Loss	45			dB
Directivity			50	dB
PDL			0.25	dB
PMD			0.2	PS
Channel to Monitor Port IL			26	dB
COM to Monitor Port IL			23	dB
IL Thermal Stability			0.005	dB/degC

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Passive DWDM, 1 RU 19" Rack Mount Mux & Demux, 40 Channels with 100 GHz spacing, starting Ch20 \(1561.42nm\), LC-APC connectors, Monitor](#)

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PDW3C-40120-NN34

Wavelength Thermal Stability	0.002	nm/degC
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Size

Length	6.25 in [158.75 mm]
Weight	7.5 lbs [3.4 kg]

Environmental Specifications

Temperature

Operating Range	-5 to +65 deg C
Storage Range	-40 to +85 deg C

Humidity	5~95
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Passive DWDM, 1 RU 19" Rack Mount Mux & Demux, 40 Channels with 100 GHz spacing, starting Ch20 (1561.42nm), LC-APC connectors, Monitor (1%) 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

