

CWDM-MUX-8D-AO

8 Channel CWDM MUX (Duplex) CARTRIDGE, 1471nm, 1491nm, 1511nm, 1531nm, 1551nm, 1571nm, 1591nm, and 1611nm, with Pass Ports and LC Connector

Features

- 8 Channel CWDM
- 19" 1U Rack Mount Form Factor
- UPC/LC Adapters
- Operating temperature: 0°C to 70°C

Product Description

This is an 8 channel CWDM mux cartridge that operates over wavelengths 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611nm. It also has pass ports and duplex LC connectors. This unit can be used as either a multiplexer or de-multiplexer (mux/demux), and is a plug and play system. All of our mux/demux products are 100% compliant and provide a cost effective solution for your network upgrade needs. With our certification test program, we guarantee your product will work correctly the first time.

Specifications

Parameter	Specifications	Unit
Device Type	Thin Film Filter – TFF	
Center Wavelength	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611	nm
Channel Passband (Minimum)	$\lambda C \pm 6.5\text{nm}$	nm
Insertion Loss (Maximum)	≤ 3.0	dB
Adjacent Channel Isolation	≥ 30	dB
Non-Adjacent Channel Isolation	≥ 40	dB
Express Channel Isolation	≥ 12	dB
Ripple In Passband	≤ 0.3	dB
Temperature Stability	≤ 0.005	dB
PDL	≤ 0.2	dB/°C
PMD	≤ 0.1	dB

Return Loss	≥ 45	dB
Directivity	≥ 55	dB
Maximum Power Handling	500	mW
Monitor Port	1	%
Operating Temperature	-0 to +70	°C
Storage Temperature	-40 to +85	°C

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



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