

### CWDM 1 Channel Add/Drop Card

The MDA-7000 enables the adding or dropping of a CWDM wavelength onto or from a common optical fiber carrying up to eight (8) CWDM wavelengths in the range of 1470nm-1610nm.

#### System Design

With the MDA-7000, you are able to add or drop any number of channels transported over a single wavelength. Optiva™ supports bandwidth of up to 2.5 Gbps per each wavelength (which may consist of multiple video, audio or data signals per wavelength). The MDA-7000 offers the ability to maximize the number of channels transported over a single common fiber and add or drop a set number of video, audio, and data signals, as allocated by wavelength, at different locations.

#### Features

- Available in Eight Different CWDM Wavelength Versions
- Add or Drop one wavelength at each location
- Enhanced Optical Network Management
- Minimization of Optical Fiber for Add/Drop Applications
- Compatible with OptivaView™ SNMP Management Suite

#### Specifications

CWDM Wavelengths	1470nm-1610nm
Common Port Insertion Loss	< 1.0 dB
Add/Drop Port Insertion Loss	< 1.0 dB
Directivity (CWDM)	50dB
Common Port Isolation	25dB
Add/Drop Port Isolation	Adjacent Channel 30dB; Non-Adjacent Channel 40dB
Dimensions & Weight	Insert card (IC): 6.3" L x 0.8" W x 4.0" H; 10 oz

#### Environmental

Operating Temperature	0C to +70C
Storage Temperature	-40C to +85C
Relative Humidity	0-95%, Non-condensing

#### Versions Available

MDA-7000-L4X\*-XX\*\*-IC

\*To specify CWDM Wavelength, indicate: L4K for 1470nm; L4L for 1490nm; L4M for 1510nm; L4N for 1530nm; L4O for 1550nm; L4P for 1570nm; L4Q for 1590nm; L4R for 1610nm.

\*\*ST, FC, SC, and LC optical connectors are available. Please specify your preference when ordering.

