





# Channel Elimination Filter / Modulator Combination Unit

## Product Specifications

### Key Features

- Removes a selected channel or frequency to make way for the reinsertion of a premium digital channel or locally originating signal
- Channel Elimination and Modulator incorporated in one package
- No need for expensive processors
- Able to eliminate and reinsert either digital or analog signals
- Easy installation
- No external coupling required
- 1 RU rack mount or wall mount

### Specifications

Channel Elimination Filter	Specifications
Channels	2 through 125
Passband	5 MHz-1GHz (ch 2-125)
Channel rejection	-55 dB typical
Adjacent carrier loss	-3.0 dB typical
Insertion loss	-1 dB typical
Temperature range	32° to 140°F
Impedence	75 Ohms

#### RCA Inputs for Reinsertion of:

- Set-top box
- VCR
- DVD
- Security camera
- Character generator
- Media player

### Additional Options

- Agile Video Modulator (Part# M-CEFMOD-AG-NN-X)
- Agile Stereo Video Modulator (Part# M-CEFMOD-AS-NN-X)

Modulators	Specifications
Frequency selection	CATV channels 2-125 (standard, HRC, or IRC), with automatic FCC frequency offsets
Output level	+33 dbmv adjustable to +23 dbmv with internal 12 dB directional coupler
Power requirements	120 VAC, 60 Hz, 0.16 Amps - UL & CSA listed
Inputs - Video	1 volt peak to peak, RCA female
Inputs - Audio	500 mV peak to peak, RCA female

**M-CEFMOD-NN-X**

Channel Number R=Rack  
W=Wall

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