



# Channel Elimination Filter / Modulator Combination Unit

## Key Features

- 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

## Applications

- Schools: Broadcast local content instead of a cable channel
- MDUs: Add security cameras to your programming
- Hotel/Motel: Add premium digital channels to analog distribution without adding set top boxes to every room or changing out televisions
- Hospitals/Hotels/Motels: Add a directory/advertising channel to your programming
- Homeowners Associations: Add a community directory/content channel to your programming



Rack mount



Wall mount

## Additional Options

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

## Description

### Make Reinsertion Projects Easy and Economical:

The Multicom Channel Elimination Filter / Modulator Combination Unit incorporates a channel elimination filter with a single channel modulator. This allows the removal of a selected channel or frequency to make way for the reinsertion of a premium digital channel or locally originating signal.

### RCA Inputs for Reinsertion of:

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

## M-CEFMOD-NN-X

Channel Number R=Rack  
W=Wall

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# 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
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### Additional Options

- Agile Video Modulator  
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| 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   |

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