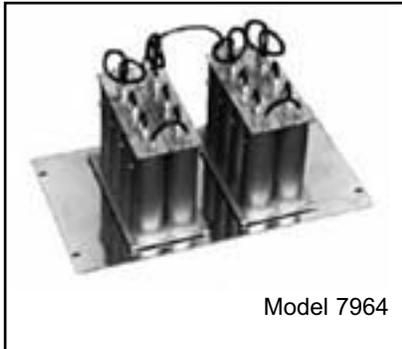




Microwave Filter Company, Inc.

Special Deletion Network



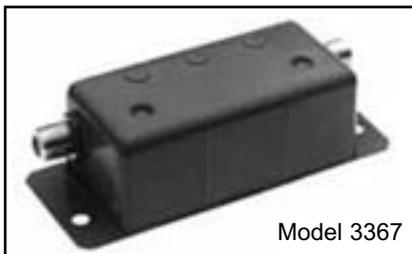
Model 7964



Response of 3 channel 7964



"Fastrap" Series



Model 3367

7964 (Contiguous) Series

Filter networks for suppressing an arbitrary number of contiguous channels are supplied to order. For only a few channels, a series connection of individual channel deletion filters is used. For a large number of contiguous channels, a special network is used. Its components consist of a "Brickwall" lowpass and highpass filter and a pair of specially designed bandsplitters. For an intermediate number of contiguous channels, two single channel deletion filters establish the "Brickwall" ends while a less selective network deletes the middle of the specified stopband.

Specifications:

Due to the custom nature of these products, specifications must be quoted.

Mechanical Specifications:

Baseplate dimensions: varies based on frequencies.

Connectors: 75 ohm - Type "F"

Other impedances and connectors can be supplied to order.

The "Fastrap" Series Negative Trapping For Channel Security

The "Fastrap" (Fast Delivery) series includes negative traps for channels 2 to 59, U.S. standard channels, HRC, invert or offset. Traps are also available for European channels.

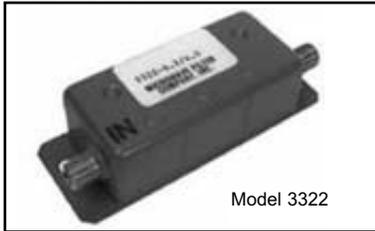
"Fastrap" Varieties:

- Negative Traps
- Band Suppression Filters For Trapping Multiple Contiguous Channels
- Lowpass and Highpass Tiering Filters
- Special Subscriber Multichannel Networks
- Positive Traps

3367 Series Multichannel Notch Filters

These filters suppress wide, contiguous bands within the VHF spectrum. They suppress several channels to block viewing or for insertion of new programming where a guardband is allowed. These units are AC/DC passing.

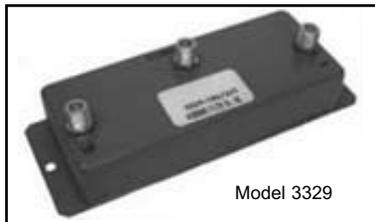
Special Deletion Network



Model 3322

3322 Series Lowpass Filter For Sub-band Channels

The model 3322-W/DD(50) is part of a family of economical low pass filters intended for headend applications. This unit passes all sub-band channels through and including channel 36, offering less than 3 dB insertion loss at channel W. It provides greater than 50 dB rejection from channel DD(40) to 1,000 MHz.

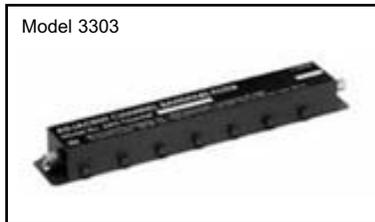


Model 3329

3329 Series Bandsplitters/Combiners

The 3329 Series broadband cable bandsplitters include a model for almost any CATV or LAN application and reflect a design capability spanning baseband (4.2 MHz) to UHF (890 MHz). We will gladly quote your specifications for your special system or application.

Splitters are AC/DC passing on the low band side only.



Model 3303

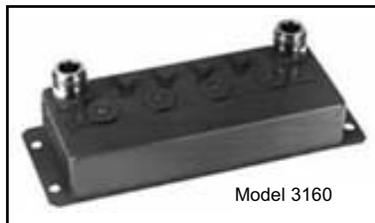
3303 Series Adjacent Channel Bandpass Filters

These filters suppress adjacent channel and off air interference while maintaining low insertion loss in the passband. Models are also available for PAL and SECAM formats.

Mechanical Specifications:

Model 3303 Channels	Video-Aural Insertion Loss (max.)	Adjacent Carrier Rejection (min.)
2 to 6	3.0 dB	25 dB
A-5 to A-3	4.0 dB	25 dB
A-2 to I	4.0 dB	25 dB
7 to 13	5.5 dB	25 dB
J to W	5.0 dB	17 dB

Return Loss: 14 dB min.



Model 3160

Baseplate Dimensions: 10.25" x 1.50"

Connectors: 75 ohm Type F

3160 Series VHF TV Channel Bandpass Filters

A general purpose, low insertion loss, channel bandpass filter, it suppresses interference at the semi-adjacent channel and beyond. Its applications include processor clean-up before combining or filtering off air receptions.



Model 4930 & 3278-4

4930 & 3278 Series UHF TV Channel Bandpass Filters

These bandpass filters can be used to clean up the desired channel at the input of the processor or at the output before combining. The model 4930 has a center frequency option of 300-450 MHz and the model 3278(4)-(Ch.#) HYP has a center frequency option of 450-750 MHz.