

UHF TV Channel Bandpass Filters

3278 UHF-TV Channel Bandpass Filter



3278(2)



3278(3)



3278(4)

3278 Series

Series 3278 UHF bandpass filters are available in two, three or four cavity models to provide three different configurations that are increasingly selective. They are used for UHF processor cleanup or for preamp protection against overload from strong off air interference. They are factory tuned to a specified channel, but can be factory retuned to any channel from 450-890 MHz.

	2 Cavity	3 Cavity	4 Cavity
Video-Aural Insertion Loss:	1.0 dB (Max)	2.0 dB (Max)	3.0 dB (Max)
25 dB rejection from Fo:	± 26 MHz	± 11 MHz	± 8 MHz
Return Loss:	14 dB Min		

Mechanical Specifications:

Model 3278(2) Baseplate Dimensions: 3.8" x 2.4"

Model 3278(3) Baseplate Dimensions: 5.2" x 2.4"

Model 3278(4) Baseplate Dimensions: 6.6" x 2.4"

Rack Mount Available Upon Request

Connectors: 75 ohm - Type "F"

50 ohm - Type N, SMA, BNC (optional)

Ordering Information:

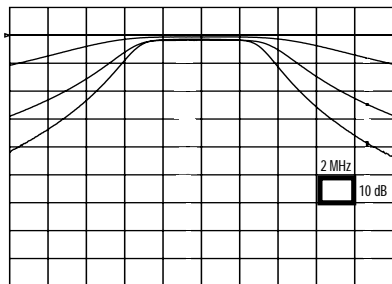
3278(X)-(UHF Channel #)

X = the number of cavities

Special Filter Assemblies Of Two or More 3278 Filters Are Also Available:

Diplexers (two channels) or multiplexers (three or more channels) split or combine channels using a low loss matching junction. Double bandpass filters (two channels) or multi-bandpass filters (three or more channels) have only one input and output connector and pass only the desired channels. Please contact us to discuss your special requirement.

Note: Also available with 6 MHz BW for digital compatibility.



Typical Frequency Response of 3278

3278(2)

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2 MHz
10 dB