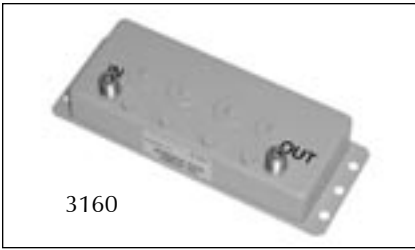
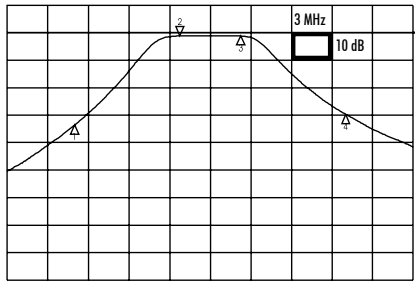


# VHF & UHF Channel Preselectors

## 3160 General Purpose VHF-TV Bandpass Filters



3160



Typical Frequency Response of 3160

### 3160 Series

A general purpose, low insertion loss, channel bandpass filter, the model 3160 suppresses interference at the semi-adjacent channel and beyond. Its applications include processor clean-up before combining or filtering off air receptions.

Model 3160 Channels	Semi Adj Carrier Rejection (Min)	Video - Aural Insertion Loss (Max)
2 to 13	25 dB	2 dB
Return Loss: 14 dB Min		

### Mechanical Specifications:

Baseplate Dimensions: 6" x 2.25"  
 Rack Mount Available Upon Request  
 Connectors: 75 ohm - Type "F"  
 50 ohm - Type N, SMA, BNC

### Ordering Information:

**3160(X)(Y) - (CH)**  
 (X) - designates connector type  
**Connectors:** 50 ohm - BNC (B)  
 SMA (S)  
 Type N (N)  
 75 ohm - Type F (F)  
 (Y) - designates impedance (Ohms) (50) or (75)  
 (CH) - designates channel

### Note:

For Digital Channels order as:  
**3160 D(X)(Y)-CH**

## 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.

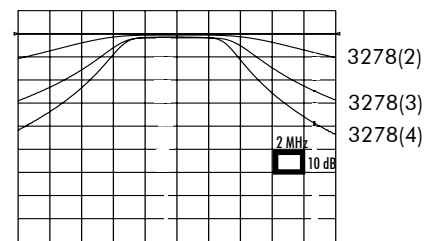
	2 Cavity	3 Cavity	4 Cavity
Video-Aural Insertion Loss:	1.0 dB (Max)	2.0 dB (Max)	3.0 dB (Max)
25 dB rejection from Fo:	± 26 MHz	± 11 MHz	± 8 MHz
Return Loss: 14 dB Min			

### 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

### Ordering Information:

**3278(#)(X)(Y) - (CH)**  
 (#) - 2, 3 or 4 cavity  
 (X) - designates connector type  
**Connectors:** 50 ohm - BNC (B)  
 SMA (S)  
 Type N (N)  
 75 ohm - Type F (F)  
 (Y) - designates impedance (Ohms) (50) or (75)  
 (CH) - designates channel



Typical Frequency Response of 3278

### Note:

For Digital Channels order as:  
**3278(#)D(X)(Y)-CH**



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