

# Tunable Notch Filters

## 6367 Single Cavity Tunable Notch Filters

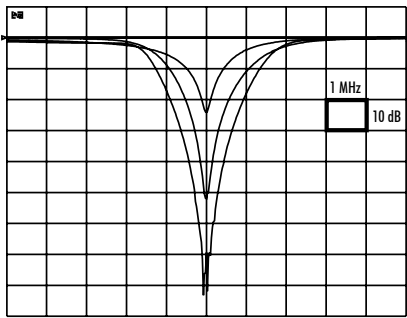


### 6367 Series

Model 6367 is easily tuned through its full frequency range. A second control allows adjusting the 3 dB bandwidth over a wide range. The adjustable bandwidth feature of these filters allows suppression of an unwanted carrier with minimum impact on adjacent, desired frequencies.

### Cascade It For A Deeper Notch

For spot frequency applications, two or three identical units may be cascaded to produce a notch twice or three times as deep with the same 3 dB bandwidth. Be sure to complete the model number by inserting the desired bandwidth.



Typical Frequency Response of 6367-X

Model #	50 Ohm Notch Depth (dB)**	75 Ohm Notch Depth (dB)**	Height (L-inches)	Tuning Range** (MHz)
6367-0	25	25	4.500	22-35
6367-1	30	33	4.500	30-50
6367-2	23	26	4.500	50-108
6367-3	20	23	4.500	108-216
6367-4	20	23	6.750	216-450
6367-5	13	16	3.875	450-900

\*\*With 3 dB bandwidth adjusted to 3 MHz

### Mechanical Specifications:

Baseplate Dimensions: 2" x 2" (for single cavity)

Rack Mount Available Upon Request

Connector Options: 50 ohm-Type N, SMA or BNC  
75 ohm-Type F

### Ordering Information:

(X)(Y)6367-(Fo)/(BW<sub>3</sub>)

(X) - designates the connector type

Connectors: 50 ohm - BNC (B)  
SMA (S)  
Type N (N)  
75 ohm - Type F (F)

(Y) - designates number of cavities

Cavities: (D) Double  
(T) Triple

(Fo) - designates the notch frequency (MHz)

(BW<sub>3</sub>) - designates the 3 dB bandwidth (MHz)

**Note: Orders for double and triple cavity 6367's must specify notch frequency and 3 dB bandwidth.**



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