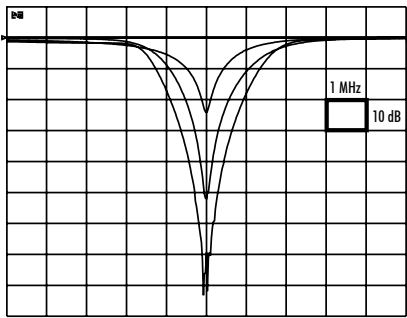


Tunable Notch Filters

6367 Single Cavity Tunable Notch Filters



6367



Typical Frequency Response of F6367-3, FD6367-3, FT6367-3

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 similar 3 dB bandwidth. Be sure to complete the model number by inserting the desired bandwidth.

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" (single), 5" x 2" (double), 7" x 2" (triple)
 Rack Mount Available Upon Request

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

Ordering Information:

(X)(Y)6367-(Fo)/(BW₃)

(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)

(BW₃) - 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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