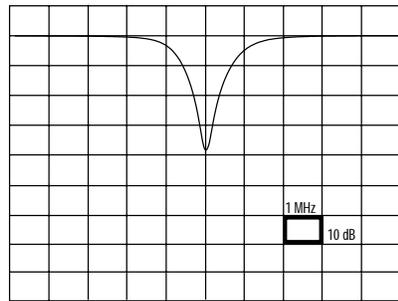
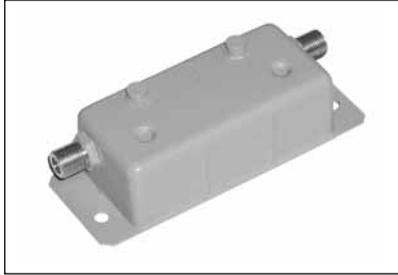


# VHF Tunable Traps

## 3468 Tunable Trap



Typical Frequency Response of 3468

## 3468 Series

Series 3468 suppress interference or reduce spurious carriers. They are easy to tune with two self-locking screwdriver adjustments. (There is only one tuning adjustment for the 3468-FMS.) They are housed in a seamless steel case sealed against moisture. The traps can be experimentally adjusted to reduce out-of-band interference whose frequency may not be precisely known. Each tuning screw controls the frequency of a separate, sharp notch which may be used independently or synchronously to give the notch and bandwidth shown. For a nominal extra charge, units can be tuned and marked to specified frequency.

Model	Tuning Range (MHz)	Notch (Min)	3dB BW (MHz) Nominal
3468-Sub/Lo	38-54	25 dB	± 3.0
3468-Lo/1	54-64	25 dB	± 1.0
3468-Lo/2	64-88	25 dB	± 1.5
3468-FMS	88-100	12 dB	± 0.5
3468-FM	88-108	25 dB	± 2.0
3468-Mid	120-174	25 dB	± 6.0
3468-High	174-216	25 dB	± 6.0
3468-Super	216-300	25 dB	± 6.0
3468-Hyp1	300-400	25 dB	± 6.0

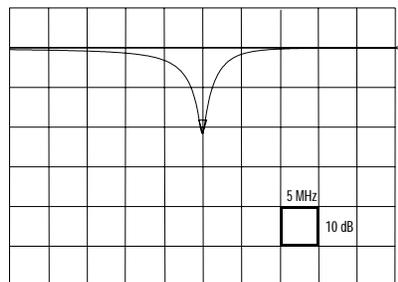
## Mechanical Specifications:

Baseplate Dimensions: 4" x 1.5"

Rack Mount Available Upon Request

Connectors: 75 ohm - Type "F"

## 3469 Tunable Sound Carrier Trap



Typical Frequency Response of 3469

## 3469 Series

Series 3469 are sound carrier traps used to reduce sound carrier levels. These are narrow band notch filters which are tunable with a self-locking screwdriver slot. Controlled sound reduction with minimum impact on color is achieved by tuning into the sound carrier from a higher frequency (clockwise slot rotation.) The 3469 can be factory preset to customer specified frequency.

Model	Tuning Range (MHz)	Notch (Min)	3 dB BW (MHz) Nominal
3469-2/6	54-88	12dB	± 2.0
3469-Mid	120-174	12dB	± 2.0
3469-7/13	174-216	12dB	± 2.0
3469-Super	174-300	12dB	± 2.0

## Mechanical Specifications:

Baseplate Dimensions: 4" x 1.5"

Rack Mount Available Upon Request

Connectors: 75 ohm - Type "F"