



PASS-REJECT CAVITY

108-960 MHz

62-FF-7X Series

Our Pass-Reject filters are designed to pass a frequency band and reject a narrow band of frequencies. They provide more attenuation than our standard bandpass type cavities. These cavities can reject frequencies on either the high or low side of the pass frequency. Each cavity is temperature compensated for operation between -40°C to +60°C. Each cavity has a gold Alodine finish, silver-plated loops and silver-plated tuning rods. Every cavity is equipped with both coarse and fine-tuning rods for quick and easy field or lab re-tuning.

- Temperature Compensation
 - Ensures Frequency Stability
- High Attenuation
 - Minimizes desense and interference from adjacent systems
- Adjustable Loops
 - Each cavity has a calibration index to reference insertion loss



Electrical Specifications	62-11-71	62-13-71	62-38-71	62-76-71
Frequency Range, MHz (in splits)	108-136	136-174	380-512	764-960
Frequency Spacing Min.	Please Refer to Typical Curves			
Cavity Diameter, in	6.625	6.625	6.625	6.625
Continuous Power Input, Watts (Dependent on insertion Loss)	300	300	300	150
Connectors	N Female			
Insertion Loss, dB	0.6-1.5			
Reject Attenuation	Please Refer to Typical Curves			
VSWR	1.22:1	1.22:1	1.22:1	1.22:1
Temperature °C	-40 to +60			
Mechanical Specifications	62-11-71	62-13-71	62-38-71	62-76-71
Maximum length, in	40	35	20.5	20.7
Weight, lbs	18	15	10	10

* See appendix for ordering information (Page 237)

