



61-FF-7X Series

Our Band Pass filters are designed for minimizing interference from adjacent channels and outside systems. They are available in single units. Selectivity can be determined by the insertion loss of the cavity or by adding additional cavity units as needed. 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 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	61-11-71	61-13-71	61-38-71	61-76-71
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)	150	150	150	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 60-40 to +60			
Mechanical Specifications	61-11-71	61-13-71	61-38-71	61-76-71
Maximum length, in	40	35	20.5	20.7
Weight, lbs	18	15	10	10

* See appendix for ordering information (Page 236)

