

UHF 60-FF-XP Series 7"

Our Bandpass, UHF, Multicoupler, filters are designed for minimizing interference from adjacent channels and outside systems. They are available in single, dual, triple or additional units. Selectivity can be determined by the insertion loss of the cavity or by adding 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 both coarse and fine-tuning rods for quick and easy field or lab re-tuning applications.

- 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	60-38-71	60-FF-72	60-FF-73
Frequency Range, MHz (in splits)	380-512	380-512	380-512
Frequency Spacing Min. MHz	0.8	0.8	0.8
Cavity Diameter, in	6.625	6.625	6.625
Continuous Power Input, Watts	80-300	80-300	80-300
Connectors	N Female		
Insertion Loss, dB	0.6-1.5	1.2-3.0	1.8-5.0
Channel Isolation, dB	See Typical Curves		
VSWR	1.5:1	1.5:1	1.5:1
Temperature °C	-40 to +60		
Mechanical Specifications	60-38-71	60-FF-72	60-FF-73
Maximum length, in (H x W x D)	16 x 19 x 7	16 x 19 x 16.5	16 x 19 x 16.5
Weight, lbs (kg)	18 (8.6)	26 (11.8)	32 (15.2)

* See appendix for ordering information (Page 238)

