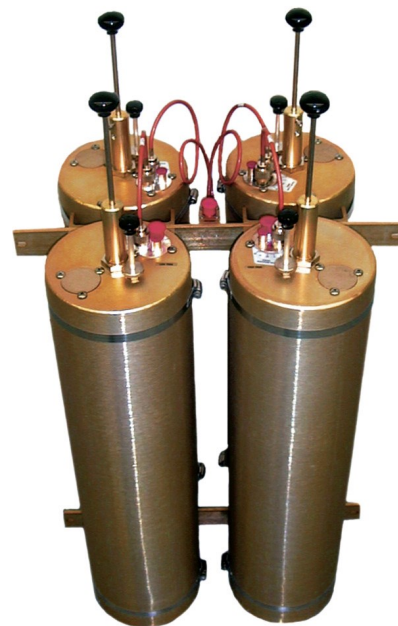


## PSEUDO BAND PASS DUPLEXER

### 66-FF-74 and 66-FF-76

Our Pseudo Bandpass Duplexer filters are designed for quick and easy installations. These filters are designed for the combination of two frequencies requiring extra isolation or can be used as efficient pre-selectors. They are available in either 4 or 6 cavity configurations if higher levels of isolation are required. Selectivity can be determined by the field adjustable capacitors. 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



Electrical Specifications	66-13-74	66-13-76	66-40-74
Frequency Range, MHz	138-174	138-174	406-512
Frequency Spacing Min.	0.5	0.3	1.5
Cavity Diameter, in	6.625	6.625	6.625
Continuous Power Input, Watts	400	400	350
Connectors	N Female	N Female	N Female
Insertion Loss, dB (maximum)	1.5	2.2	1.5
Channel Isolation, @ Min. Separation dB	85	95	90
VSWR	1.22:1	1.22:1	1.22:1
Temperature °C	-40 to +60	-40 to +60	-40 to +60

Mechanical Specifications	66-13-74	66-13-76	66-40-74
Maximum length, in (H x W X D)	34 x 19 x 16.5	34 x 19 x 33	18.5 x 19 x 16.5
Weight, lbs (kg)	44 (20)	90 (40)	32 (15.2)



66-13-74

