

66-FF-74 and 66-FF-76

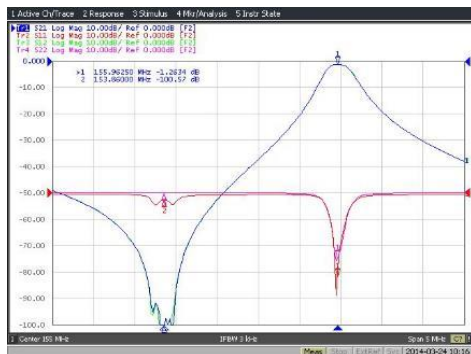
Our Pass-Reject Duplexer filters are designed for quick and easy installations. These filters are designed for the combination of two frequencies requiring extra isolation or can be used as efficient pre-selectors. They are available in either 4 or 6 cavity configurations if higher levels of isolation 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 to reference insertion loss



Electrical Specifications	66-FF-74	66-FF-76	66-FF-74
Frequency Range, MHz	138-174	138-174	380-512
Frequency Spacing Min. MHz	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		
Insertion Loss, dB	1.5	2.2	1.5
Channel Isolation, dB	85	95	90
VSWR	1.22:1	1.22:1	1.22:1
Temperature °C	-40 to +60		
Mechanical Specifications	66-FF-74	66-FF-76	66-FF-74
Maximum length, in (H x W x D)	34 x 19 x 16.5	34 x 19 x 24	18.5 x 19 x 16.5
Weight, lbs (kg)	44 (20)	90 (40)	32 (15.2)

\* See appendix for ordering information (Page 238)



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