



FFC05ELF

- 300 W Band Pass Filter
- FM Band 87.5-108 MHz

OVERVIEW

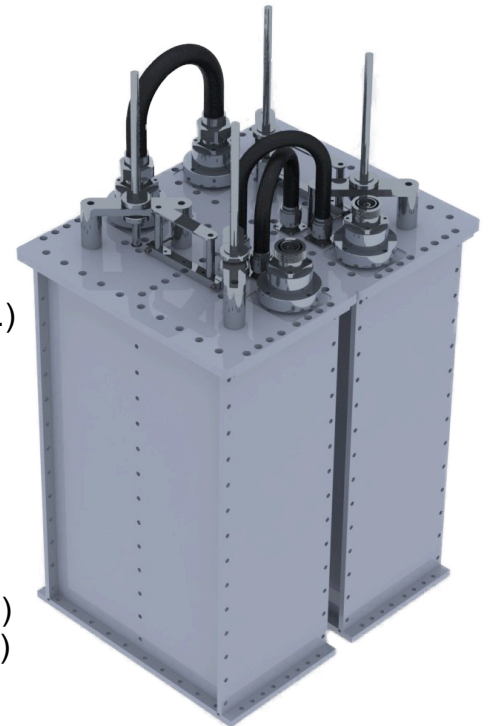
Standard resonant band pass cavity filters, available in 2, 3 or 4 cavity versions. Using our industry-leading band pass cavity filter design, they provide a one-time-buy filtering solution for broadcasters located at sites with multiple users. These filters minimize intermodulation & spurious emissions from transmission systems. The filters can be used to build combiners for two or more frequencies/channels.

FEATURES

- Modular design
- Distortion-free operation
- 4 cavity version standard configuration
- Low loss, high isolation
- Air cooling
- 2, 3, 4 or more cavity versions available

TYPICAL SPECIFICATIONS

Model	FFC05ELF
Impedance	50 ohm
Frequency Range	87.5 - 108 MHz
VSWR ±150 KHz	1.1:1 max
Insertion Loss	at f_0 0.6 – 0.8 dB Max
Return Loss ±150 KHz	≤ -26 dB
Rejection	Per customer's requirements (Typical ± 800 KHz It's even to -40dB approx.)
Connectors	7/16"
Power Rating	300 W
Temperature Range	-20°C to +50°C
Color	Enamel Gray RAL 7001
Materials	Aluminum, Brass, Copper, PTFE, Stainless Steel, Silver plating (min 12 µm thickness)
Dimensions	630 (max height) x 360 x 280 mm (H x W x D) 24.8 (max height) x 14.1 x 11.0 in (H x W x D)
Net Weight	approximately 35 Kg / 77.1 Lbs



Specifications are subject to change without notice
Picture shows the four cavity version