



FFTC10/C

- 10 kW 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 intermodulations & 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
- 2 cavity version standard configuration
- Low loss, high isolation
- Air cooling
- 2, 3, 4 or more cavity versions available

TYPICAL SPECIFICATIONS (for two cavity version)

Model	FFCT10/C (compact version)
Impedance	50 ohm
Frequency Range	87.5-108 MHz
VSWR ±150 KHz	1.1:1 max
Insertion Loss	≤ 0.15 dB
Return Loss ±150 KHz	≤ -26 dB
Rejection	Per customer's requirements (typical up to -14dB @ ±1 MHz)
Connectors	1 5/8" input & output (3 1/8" on req.)
Power Rating	10 KW
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	1400 (max height) x 700 x 335 mm (H x W x D) 55.1 (max height) x 27.5 x 13.2 in (H x W x D)
Net Weight	approximately 46 Kg / 101 Lbs



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

