



FFQC05

- 500 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	FFQC05
Impedance	50 ohm
Frequency Range	87.5 - 108 MHz
VSWR ±150 KHz	1.1:1 max
Insertion Loss	at f_0 0.6 – 0.7 dB Max
Return Loss ±150 KHz	≤ -26 dB
Rejection	Per customer's requirements (Typical ± 1 MHz It's even to -8dB)
Connectors	N - 7/16" Input / Output Option 7/8" EIA
Power Rating	500 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	590 (max height) x 280 x 352 mm (H x W x D) 27.9 (max height) x 11.0 x 6.9 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

