

MODEL FFC03

- **BAND-PASS FILTER**
- **FM BAND 87.5÷108 MHz**
- **BAND II**

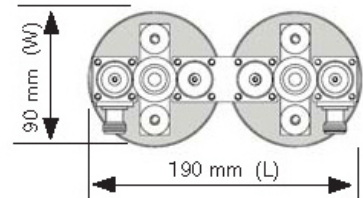
THESE ARE TWO STANDARD RESONANT CAVITY FILTERS, AND IN SPECIAL VERSION WITH 3 AND 4 IT. ALL THE MODELS ARE USED TO MAKE UP MIXERS WITH SEVERAL CHANNELS.

The band pass filters was designed as an extension of our band pass combiner technology. Using our industry-leading square, octagonal, cavity filter design, the filter provides a one-time-buy filtering solution for the broadcaster located at multiple-user site. The filter isolates the transmission system to eliminate spurious emissions.



TYPICAL SPECIFICATIONS

Model	FFC03
Impedance	50 ohm
Frequency Range	87.5-108 MHz
VSWR ± 150 KHz	1.1:1 Max
Insertion Loss	at f_0 0.6 dB Max
Return Loss ± 150 KHz	≤ -26dB
Rejection	per customer's requirements (Typical ± 1MHz it's even to -8dB)
Connectors	N Input-Output
Max Power	300 W
Working Temperature	-20°C ÷ +50°C
Colour	Enamel Gray Ral 7001
Materials	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min. 12µm thickness)



Features:

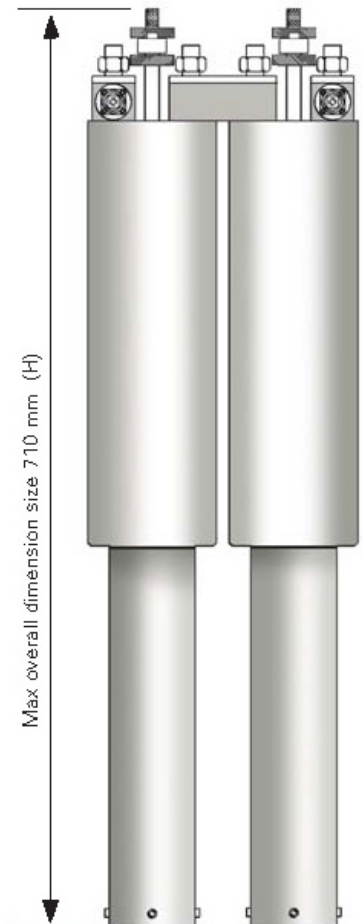
- Distortion – Free Transmission
- Standard configuration of 2 cavities
- Special configuration 3 and 4 cavities
- Low loss, high isolation
- Natural convection

No rack version

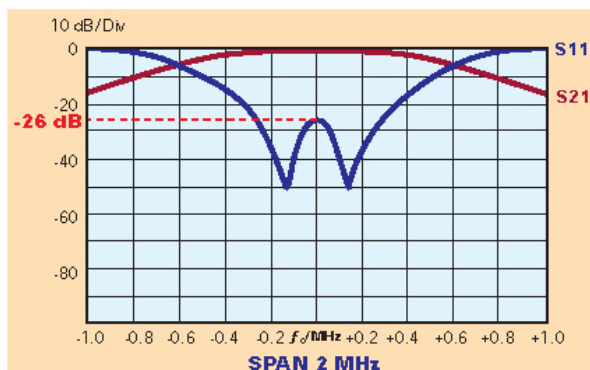
Dimensions	770(Max size)×190×90mm (30(Max size)×7.5×3.5 inch) (H×L×W)
Net Weight	≅ 6 Kg

Rack version (optional)

Panel Size	2 HE (1 HE=44,45 mm)
Net Weight	≅ 6 Kg



Typical shape of a curves for S11 and S12 parameters



“These specifications are subject to change without notice”