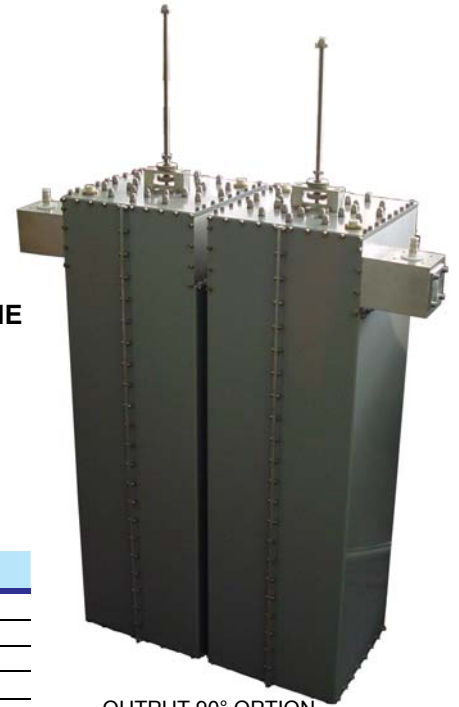


MODEL FFC5

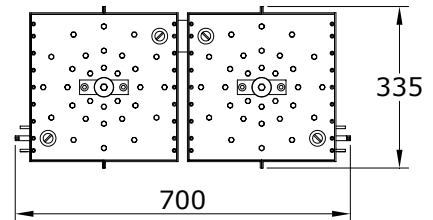
- **BAND-PASS FILTER**
- **FM BAND 87.5-108 MHz**
- **BAND II**

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

The pass band filters was designed as an extension of our band pass combiner technology. Using our industry-leading square, 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.



OUTPUT 90° OPTION



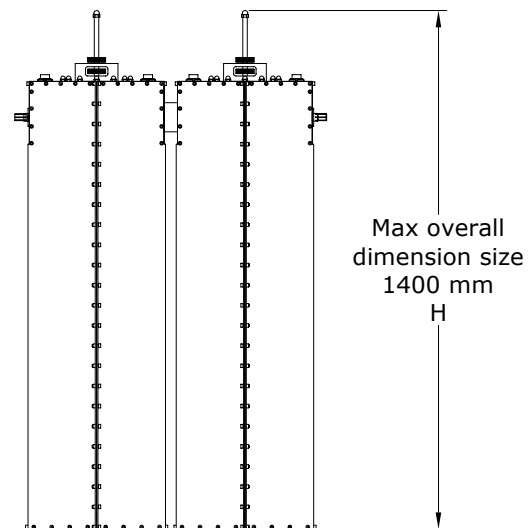
TYPICAL SPECIFICATIONS

Model	FFC5
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 ± 1MHz it's even to -14dB)
Connectors	1+5/8" Input - Output
Max Power	5 KW
Working Temperature	-20°C ÷ +50°C
Colour	Enamel Gray ral 7001
Materials	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min. 12µm thickness)

Features:

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

Dimensions	1400(Max size)×700×335 mm (55.1(Max size)×27.6×13.2 inch) (H×L×W)
Net Weight	≅ 45 Kg (double cavity)



Typical shape of a curves for S11 and S21 parameters

