MODEL FFC05D

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

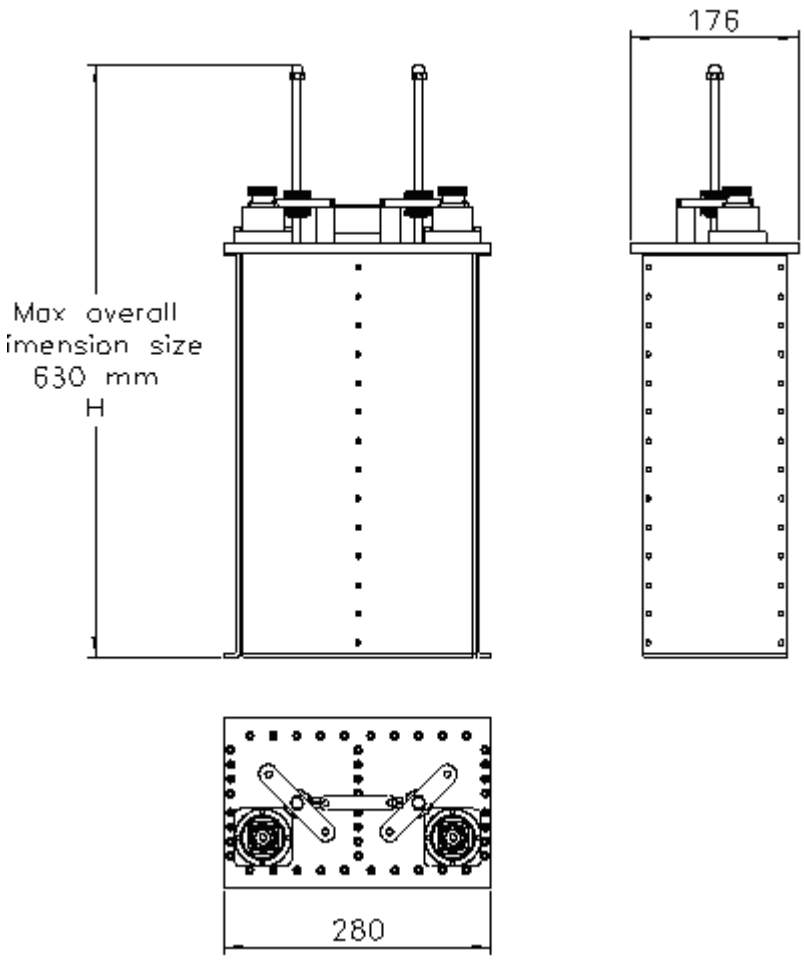
THESE ARE TWO STANDARD RESONANT CAVITY FILTERS.
ALL THE MODELS ARE USED TO MAKE UP MIXERS WITH SEVERAL CHANNELS.
The pass band filters was designed as an extension of our band pass combiner technology.
Using our industry-leading square, cavity filter design, the filter provides a one-time-buy filtering solution for the broadcaster located at multiple-user site.
The filter isolates the transmission system to eliminate spurious emissions.

TYPICAL SPECIFICATIONS

Model	FFC05D
Impedance	50 ohm
Frequency Range	87.5-108 MHz
VSWR ± 150 KHz	1.1:1 Max
Insertion Loss	at f_0 0.35 dB Max
Return Loss ± 150 KHz	≤ -26dB
Rejection	per customer's requirements (Typical ± 1 MHz it's even to –8dB)
Connectors	N-7/16" Input-Output Option 7/8" EIA
Max Power	500W
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
- Low loss, high isolation
- Natural convection



No rack version	
Dimensions	630Max size)×280×176 mm (24.8(Max size)×11.0×6.9 inch) (H×L×W)
Net Weight	≅ 13 Kg

Rack version (optional)	
Panel Size	4 HE (1 HE = 44,45 mm)
Net Weight	≅ 14 Kg

Typical shape of a curves for S11 and S12 parameters