

Model FFC10

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

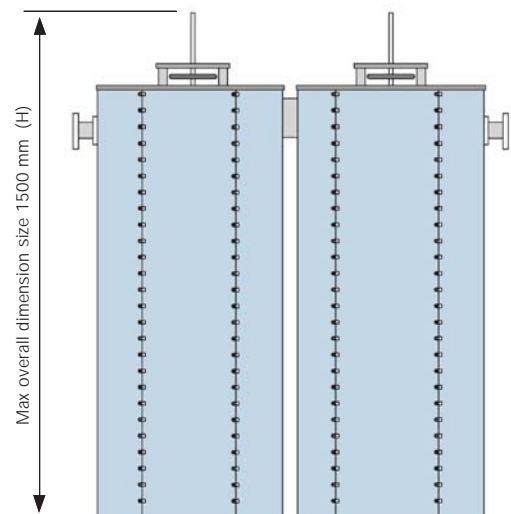
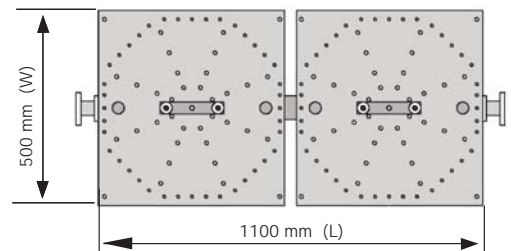
Model	FFC10
Impedance	50 Ohm
Frequency Range	87.5+108 MHz
VSWR ±150 KHz	1.1:1 Max
Insertion Loss	≤ 0.1 dB
Return Loss ±150 KHz	≤ -26 dB
Rejection	per customer's requirements (Typical ±1MHz it's even to -14 dB)
Connectors	1+5/8" Input-Output (Option 3+1/8")
Max Power	10 KW
Working Temperature	-20°C + +50°C
Colour	Enamel gray ral 7001
Materials	Aluminium, silver brass, copper, PTFE, stainless steel, silver plated (min 12μ thickness)

Features:

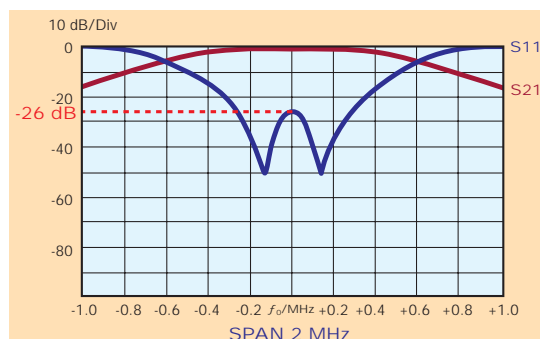
- Modular design
- Distortion – Free Transmission
- Standard configuration of 2 cavities
- Special configuration 3 and 4 cavities
- Low loss, high isolation
- Natural convection

No Rack Version

Dimensions	1500 (Max size) x 1100 x 500 mm (59-Max Size-X43.3x19.7 inch) (HxLxW)
Net Weight	≈ 60 Kg (double cavity)



Typical shape of a curves for S11 and S21 parameters



"These specifications are subject to change without notice"