

MODEL FFELF 1 K

- BAND-PASS 6 CAVITIES FILTER
- IMPEDANCE 50 Ohm
- FM BAND 87.5 ÷ 108 MHz
- BAND II
- SPECIAL VERSION WITH SPECIAL DOUBLE CROSS COUPLING



This six-cavities filter is used to set up starpoint combiners with very low spacing between 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.

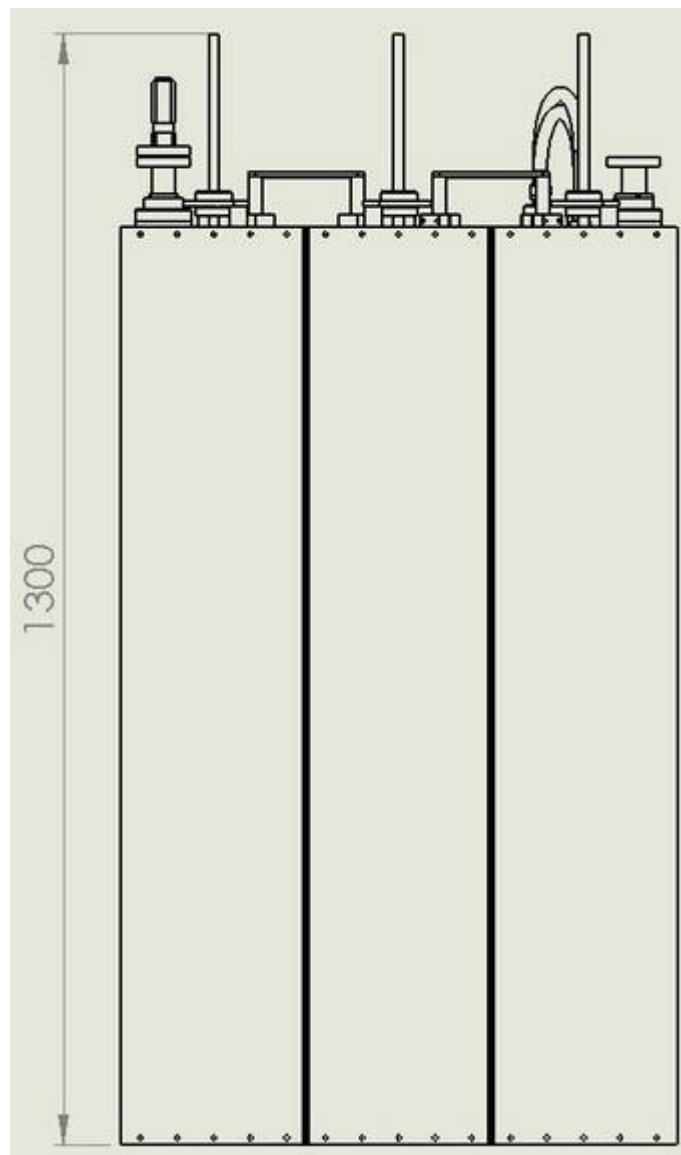
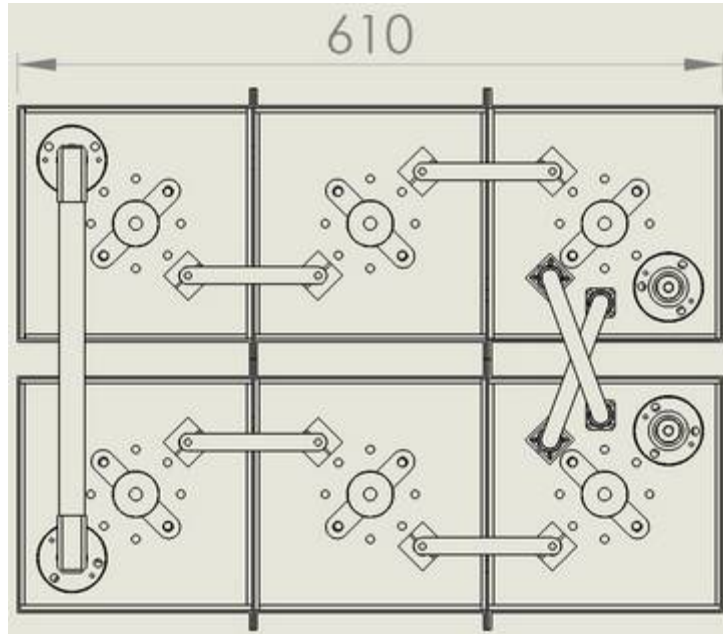
TYPICAL SPECIFICATIONS

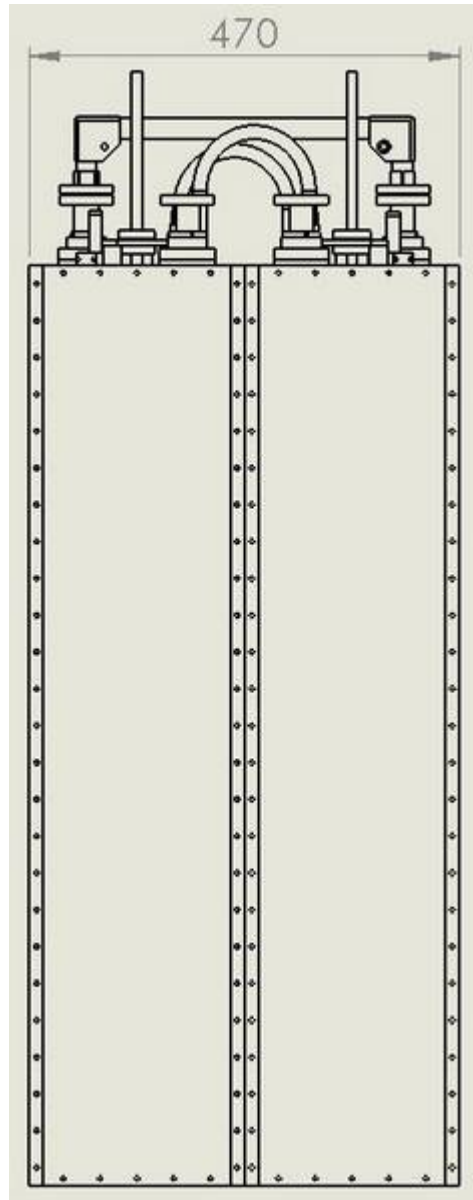
Model	FFELF1K
Impedance	50 ohm
Frequency Range	87.5-108 MHz
VSWR ± 150 KHz	1.1:1 Max
Insertion Loss	at f_0 0.7 - 1.5 dB Max
Return Loss ± 200 KHz	≤ -26dB
Rejection	per customer's requirements (Typical ± 350 kHz it's even to -30dB approx.)
Connectors	N - 7/16" - 7/8" on customer request
Max Power	1KW with 7/16" - 7/8" connectors 800 W with N connector
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
- Very low spacing between channels if used in starpoint combiners
- Low loss, high isolation
- Natural convection

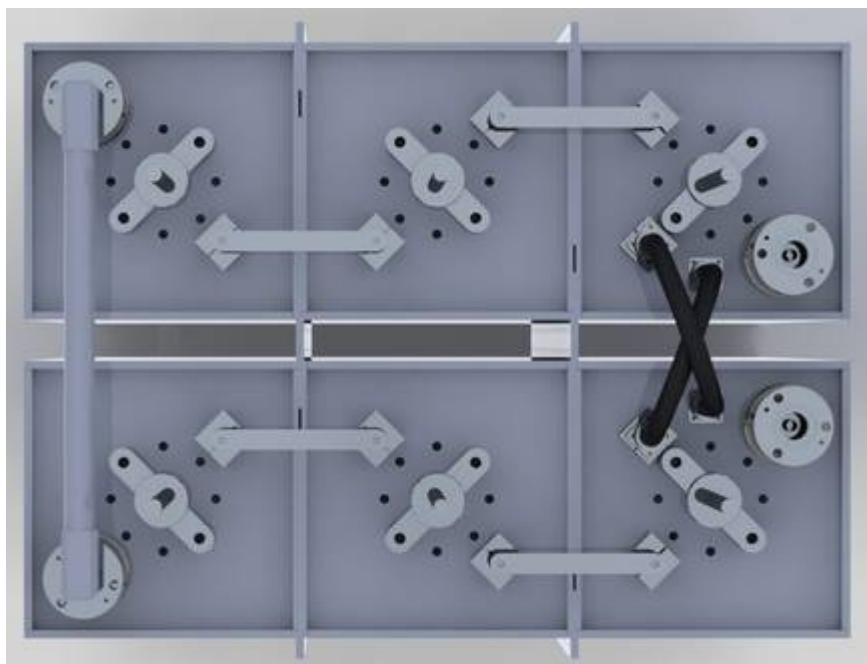
DIMENSIONS (mm)

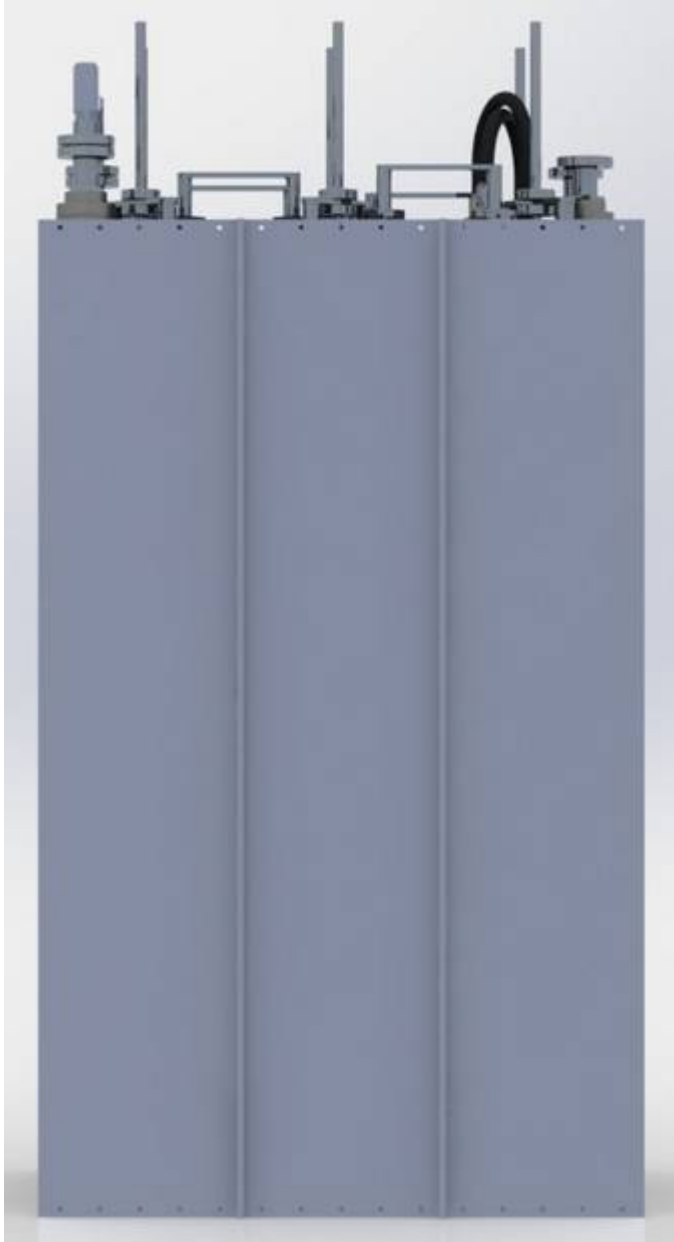


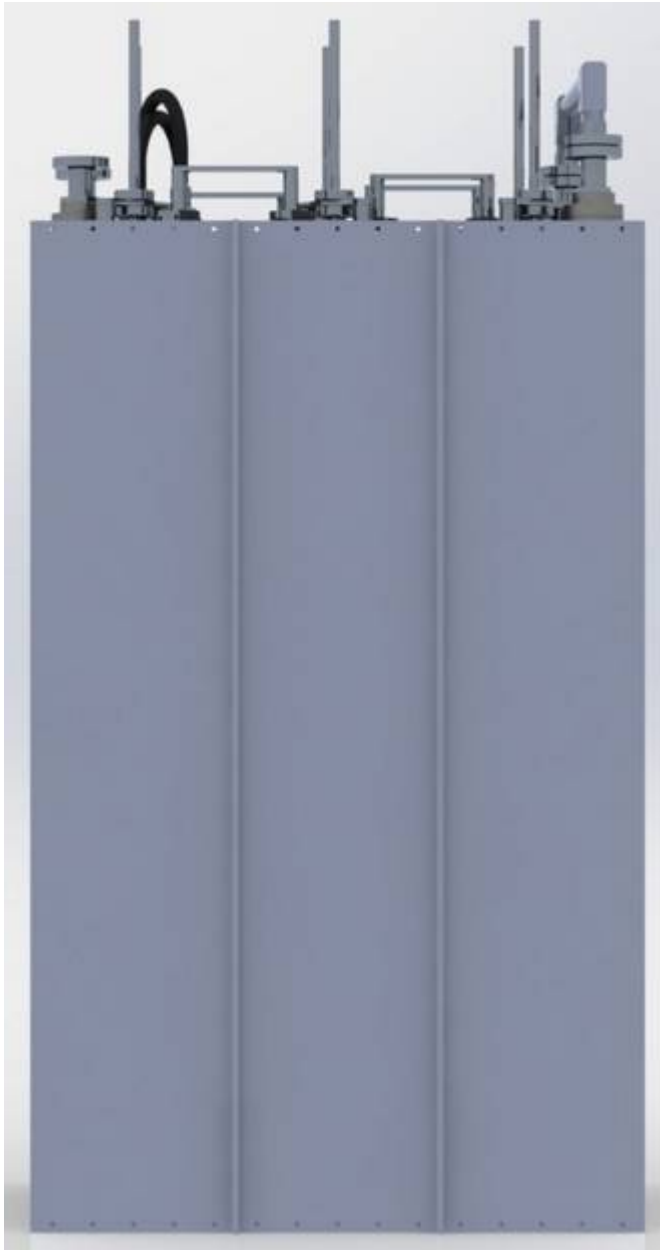


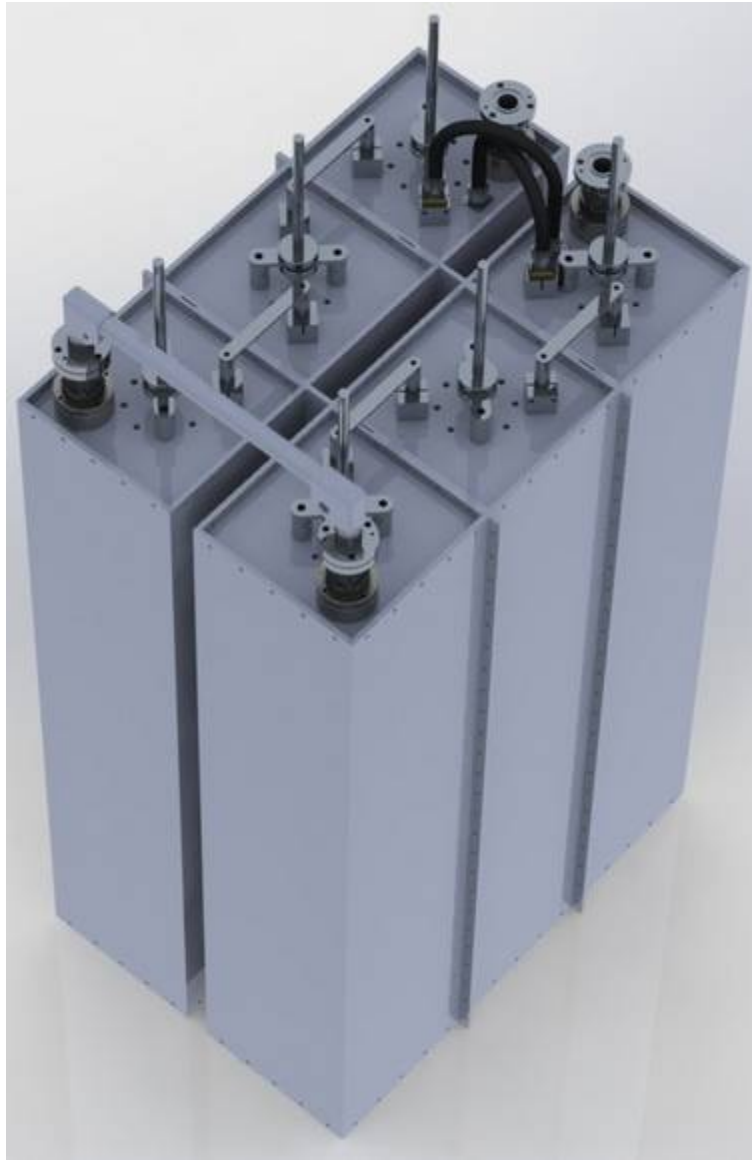
Dimensions	1300 (Max size)×470×610 mm (51.1(Max size)×18.5×24 inch) (H×L×W)
Net Weight	≅ 60 Kg approx.

IEWS OF THE SYSTEM









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