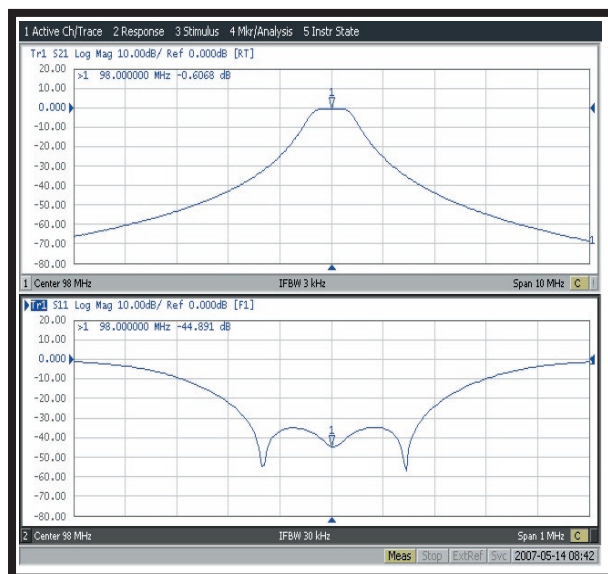


FM BAND PASS FILTER

1KW - 3 CAVITIES



BAND II FM FILTERS

Electrolink FM filters cover the range from 87.5-108MHz. The input powers range from 500W to 30 kW. All the filters are FM band tunable and natural convection cooled. Hundreds of stations use either 2 or 3 cavity notch filters or band pass filters. The fully adjustable input and output coupling provide superior tuning and performance all over the entire VHF FM band. The notch filters use an all-copper construction providing very low loss with very high notch depth. The bandpass filters use an aluminium construction with copper resonator for stable high power performance.

KEY FEATURES

- ▣ Flexible and compact
- ▣ Temperature stabilised
- ▣ Retunable
- ▣ Light alloy and brass construction
- ▣ Cylindrical cavity at high mechanical stability
- ▣ Thermic stabilization carried out with INVAR
- ▣ Silver superficial treatments and outer painting
- ▣ Mounted in every position
- ▣ Natural convection cooling
- ▣ Fine tuning

PRODUCT	1KW Triple Cavity FM Band Pass Filter
IN / OUT IMPEDANCE OHM	50
FREQUENCY RANGE MHz	87,5 - 108
INPUT POWERS RMS	1KW
BANDWIDTH	TUNABLE
RETURN LOSS dB	>27
INSERTION LOSS dB	<0,6
ATTENUATION AT ±2MHz dB	>40
ATTENUATION AT ±1MHz dB	>20
TEMPERATURE RANGE °C	-30 / +50
DIMENSIONS mm	200 x 620 x 700(H)
WEIGHT Kg	24
INPUT/OUTPUT CONNECTORS	7/16 (F) - 7/8 (F)