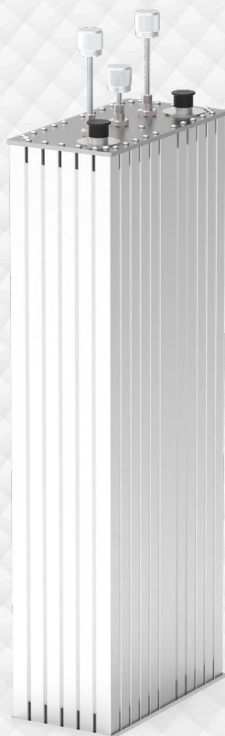


# FV-2AC

## VHF BAND PASS FILTER OF TWO CAVITIES



The FV-2AC is a two-pole “Bandpass” RF filter for professional applications and is characterized by low insertion loss and excellent selectivity.

The two poles are capacitively interconnected through a controllable coupling iris, which allows the insertion loss to be optimized at the filter tuning frequency.

Its silver-plated coaxial connectors and resonators feature low noise levels and excellent electrical conductivity.

The tuning rods are manufactured from special metal alloys the resonant cavities have been chemically treated to ensure excellent mechanical robustness and optimum thermal stability.

Partnumber	Model	Range
505141	FV2-AC	148 / 174 MHz

MECHANICAL SPECIFICATIONS	
Width	110 mm
Maximum length	220 mm
Height	750 mm
Weight	5,480 Kg
Finish	Polished
Basic material	Extruded aluminum

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Nominal impedance	50 $\Omega$
Maximum power	200 Watts
Maximum insertion loss	$\leq 1,2$ dB
Temperature range	-30° a 60° C
Connector	N female