

VHF band pass filter for the 136-174 MHz Band



FP-233 is a compact VHF band pass filter based on three rectangular resonators. The filter can be used to protect the receiver against interferences from transmissions out of the passband, or it can be used to reduce the spurious output from the transmitter.

Filters are tuned to customer specified pass/reject frequencies and no further adjustments should be required.



SPECIFICATIONS

ELECTRICAL	
Cavity size	26x26 mm
Frequency Range	136 -174 MHz
Attenuation -3 dB	2.5 Mhz
Attenuation -10 dB	6.5 Mhz
Attenuation -20 dB	12 Mhz
Insertion losses	< 1 dB
Max. continuous power input	50 W
Nominal impedance	50 Ω
SWR	< 1.5
Connector	N (female)
Temperature range	-30 ... +60 °C
Dimensions (H x W x D)	33x77x160 mm
Weight	0.42 Kg

