

# Low Pass VHF Harmonic Suppression Filters

## 100 & 1000 Watt Models For VHF Off Air Channels

This series of low pass filters suppress transmitter-generated harmonic frequencies which can interfere with UHF channels or radio services at higher frequencies.

### Specifications:



	<b>8233</b>	<b>8088</b>	<b>8234</b>	<b>8089</b>
Passband (MHz):	54-88	54-88	174-216	174-216
Loss (max):	0.3 dB	0.3 dB	0.3 dB	0.3 dB
Loss (Typ.):	0.2 dB	0.15 dB	0.2 dB	0.15 dB
Power Rating: 2nd Harmonic	100 Watts (Max)	1,000 Watts (Max)	100 Watts (Max)	1kW (Max)
Suppression: 3rd Harmonic	40 dB (Min)	40 dB (Min)	40 dB (Min)	40 dB (Min)
Suppression: 4th Harmonic	50 dB (Min)	50 dB (Min)	50 dB (Min)	50 dB (Min)
Suppression: 5th Harmonic	50 dB (Min)	50 dB (Min)	50 dB (Min)	50 dB (Min)
Suppression:	50 dB (Min)	50 dB (Min)	40 dB (Min)	40 dB (Min)
Return Loss:	19 dB (Min)	19 dB (Min)	19 dB (Min)	19 dB (Min)
Impedance:	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Connectors:	N Female	N Female	N Female	N Female



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