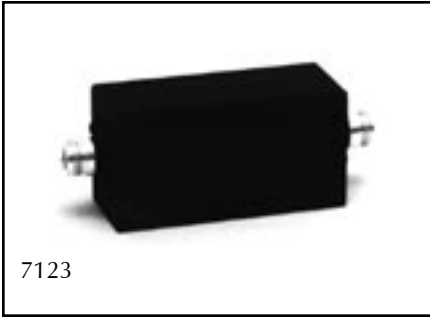
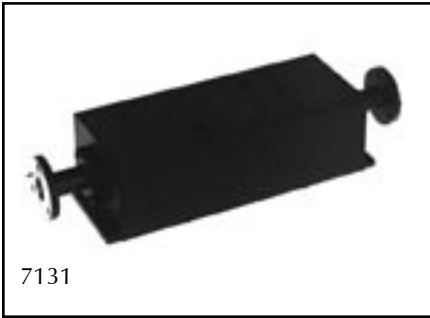


FM Harmonic Low Pass Filters

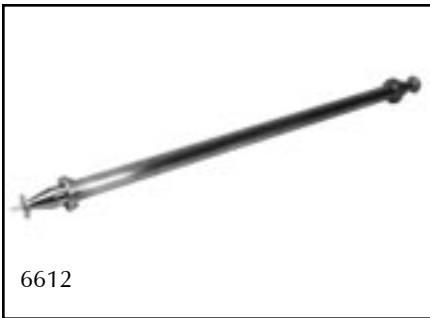
500-50,000 Watts



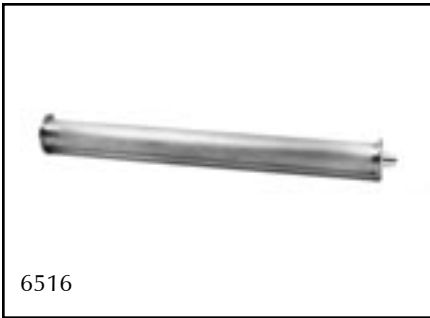
7123



7131



6612



6516

For Suppressing FM Station Transmitter Harmonics

FM transmitters often generate harmonics - multiples of the transmitter frequency. Some of these cause interference to VHF-TV and UHF-TV reception and paging and cellular radio reception. This series of low pass filters pass the entire FM band with low loss and provide substantial harmonic suppression.

Specifications:

	7123	7131	6612	6516	7772	7455
Passband (MHz):	88-108	88-108	88-108	88-108	88-108	88-108
Loss:	0.25 dB (Max)	0.20 dB (Max)	0.2 dB (Max)	0.2 dB (Max)	0.2 dB (Max)	0.2 dB (Max)
Return Loss:	19 dB (Min)	18 dB (Min)	0.1 dB (Typ)	0.1 dB (Typ)	0.1 dB (Typ)	0.1 dB (Typ)
Power Rating:	500W (Max)	1,500W (Max)	19dB (Min)	19dB (Min)	19dB (Min)	19dB (Min)
Rejection 2nd Harmonic (176-216 MHz):	50 dB	40 dB	40 dB (Min)	40 dB (Min)	40 dB (Min)	40 dB (Min)
Rejection 3rd, 4th & 5th Harmonic (264-540 MHz):	60 dB	40 dB	176-432 MHz	176-432 MHz	176-350 MHz	176-350 MHz
Impedance:	50 Ohms	50 Ohms	15,000 W (Max)	15,000 W (Max)	50,000 W (Max)	50,000 W (Max)
Connectors:	N Female	7/8" EIA	50 Ohms	50 Ohms	50 Ohms	50 Ohms
			Connectors:	Connectors:	Connectors:	Connectors:
			1 5/8" EIA	3 1/8" EIA	3 1/8" EIA	6 1/8" EIA
			Length:	Length:	Length:	Length:
			82 3/4"	70"	95 5/8"	70"



7772



7455



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