



Low Pass Harmonic Filter

The JAMPRO RF SYSTEM Series RCFR-XXX Lowpass Harmonic Filters provide high levels of second and third harmonic rejection for Hi-VHF-TV, UHF-TV and FM transmitters. The filters are designed utilizing Tschebycheff polynomials for optimum in-band response and high harmonic rejection. Capacitive and inductive transmission line sections provide the necessary reactance for the filters. Computer aided design and manufacturing ensure repeatable broad-band performance for each unit. Close control of element values ensures spur free stop-bands.

The filters are available in a number of sizes and configurations for each band. Please consult the factory for special requirements and details.



TYPICAL SPECIFICATIONS

Type	Tschebycheff Multi-section Reactive Lowpass	
Bands	FM, Hi-VHF and UHF	
Insertion Loss	0.1 dB Maximum	
VSWR	1.06:1 Maximum	
Rejection	2nd Harmonic	40 dB Typical
	3rd Harmonic	40-60 dB Typical
*Model #		Size
RCFR-221		1 5/8" EIA
RCFR-331		3 1/8" EIA
RCFR-441		4 1/16" EIA
RCFR-661		6 1/8" EIA