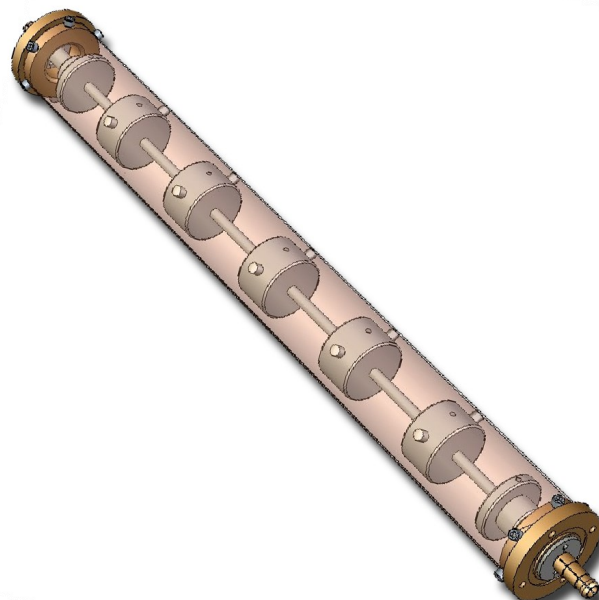




## Low Pass Harmonic Filter

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 broadband 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-461		4 1/16" EIA
RCFR-661		6 1/8" EIA