



# RCBC-X0X-FM

## 1500 WATTS, FM BANDPASS FILTER

The JAMPRO RF SYSTEM Series RCBC-x0x\*-FM Low Power Combine Bandpass Filters are designed to provide optimum performance in a small package size. The filters utilize capacitively loaded copper center conductors inside four inch aluminum cavities to ensure low passband loss.

Two, three, or four section filters are available to meet the required rejection specifications. Wide passband bandwidth is maintained for all designed to ensure no signal degradation. This design can be used for input power levels to 1.5 kW.

Type "N", 7-16 DIN or 7/8" EIA connectors are available as required by the applications. Filters are unflanged. Flanged available upon request.

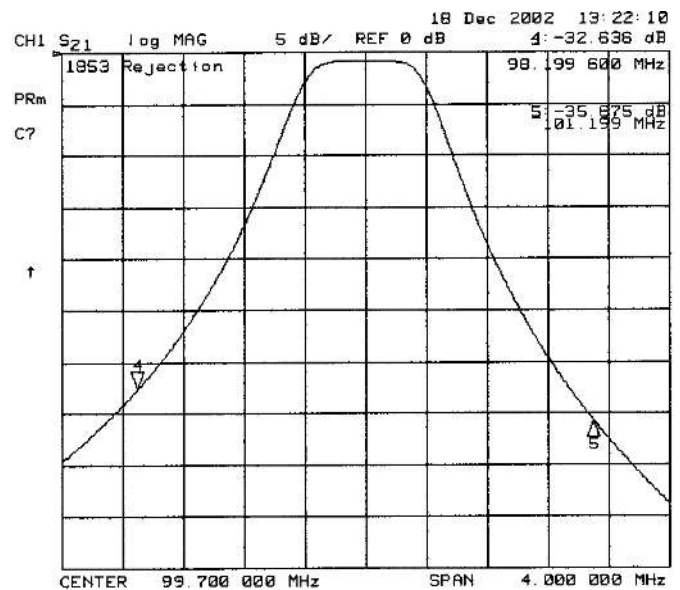


### RCBC-X0X-FM Typical Specifications

Type	2, 3, 4 Section Combine	
Frequency	88 to 108 MHz	
Power	1.5 kW Max.	
VSWR	1.2:1 Max ± 150 kHz	
Insertion Loss	88 Mhz.	108 Mhz.
	2 section / 4" Cavities	
Selectivity (Mhz)	2.0	0.35dB
	1.6	0.42dB
		0.39db
		0.48dB

#### Rejection

2-Section	30 dB ± 4.0 MHz
3-Section	30 dB ± 1.6 MHz
4-Section	30 dB ± 1.0 MHz



Rejection Plot 3-section filter