

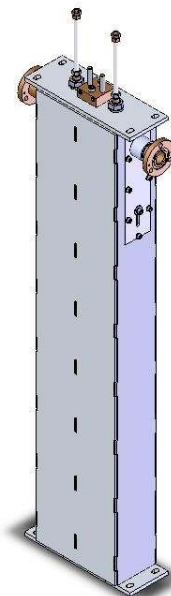


## 500 WATTS, FM BANDPASS FILTER

The JAMPRO RF SYSTEM Series RCBC-xTx\*-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 three 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 500 watts.

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



RCBC-XTX-FM Typical Specifications			
<b>Type</b>	2, 3, 4 Section Combine		
<b>Frequency</b>	88 to 108 MHz		
<b>Power</b>	500 watts Max.		
<b>VSWR</b>	1.12:1 Max ± 150 kHz		
<b>Rejection</b>			
	2-Section	30 dB ± 4.0 MHz	
	3-Section	30 dB ± 1.6 MHz	
	4-Section	30 dB ± 1.0 MHz	
<b>Insertion Loss</b>		<b>88 Mhz.</b>	<b>108 Mhz.</b>
<b>2 section/ 3" Cavities</b>			
Selectivity (Mhz)	2.0	0.60dB	0.65db
	1.6	0.70dB	0.78dB