

# UHF Bandpass filter

2.5 kW rms, 8 Pole

BAND IV-V

10  
year  
GUARANTEE

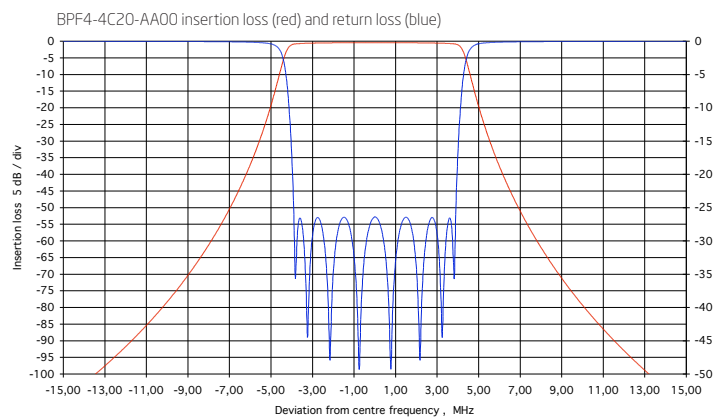


## PRODUCT FEATURES

- Available with cross-coupling
- Flexible design
- Extremely stable
- Low insertion loss
- Filter for critical mask
- Temperature compensated
- Retunable
- Adjustable bandwidth for 6, 7 or 8 MHz
- 10-year comprehensive warranty

## PRODUCT PROFILE

This filter from Exir Broadcasting meets the demands from broadcasters for low loss, high rejection and temperature stability. Combining all the best features of various technologies we have developed a compact unit with increased reliability and performance and the flexibility for multi-function operations. In addition, the filter can be easily returned to any channel within the UHF band to accommodate any future needs that may arise.



Data in table is typical according to a standard tuned 8 MHz channel bandwidth. The filter can be tuned for other specifications or bandwidths, please contact us for a specification designed for your requirements.

All average power values and technical data refer to an ambient temperature of + 20-25 °C with normal air flow. The product will have a maximum surface temperature of + 60 °C. Maximum power capacity may be lower depending on channel allocation.

ARTICLE	BPF4-8C20-AB00		
FREQUENCY	470 - 860 MHz		
MAXIMUM INPUT POWER	2.5 kW rms		
IMPEDANCE	50 Ohm		
VSWR	<1.1 (>26 dB)	<1.17 (>24 dB)	<1.17 (>24 dB)
INSERTION LOSS	<b>No Cross-coupling</b>	<b>Cross-coupling single</b>	<b>Cross-coupling double</b>
Centre frequency	<0.45 dB	<0.45 dB	<0.45 dB
±3.8 MHz	<0.8 dB	<1.2 dB	<1.3 dB
±4.2 MHz	>2.4 dB	>11 dB	>16 dB
±6.0 MHz	>36 dB	>33 dB	>45 dB
±12.0 MHz	>90 dB	>70 dB	>60 dB
STANDARD CONNECTION	3 1/8" unflange		
OPTIONAL CONNECTIONS	1 5/8" unflange, RL98 unflange		
<b>DIMENSIONS AND WEIGHT</b>			
DIMENSIONS	900 x 460 x 200-350 mm		
L x W x H	(36 x 18 x 8-14 in)		
WEIGHT	45 kg (100 lb)		