

UHF Bandpass filter

2.5 kW rms, 8 Cavities

BAND IV-V

10
year
GUARANTEE

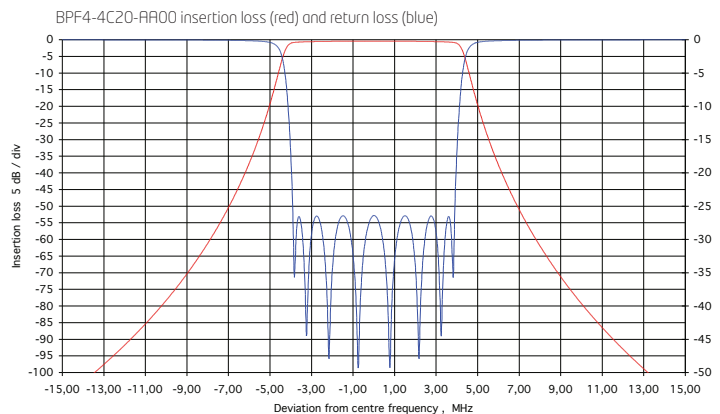


PRODUCT FEATURES

- 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 Teracom Components 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 retuned to any channel within the UHF band to accommodate any future needs that may arise.



ARTICLE	BPF4-8C20-AA00		
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	No Cross-coupling	Cross-coupling single	Cross-coupling double
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	RL98		
OPTIONAL CONNECTIONS	EIA 3 1/8", 1 5/8" unflange		
DIMENSIONS	900 x 460 x 200-350 mm (36 x 18 x 8-14 in)		
WEIGHT	45 kg (100 lb)		