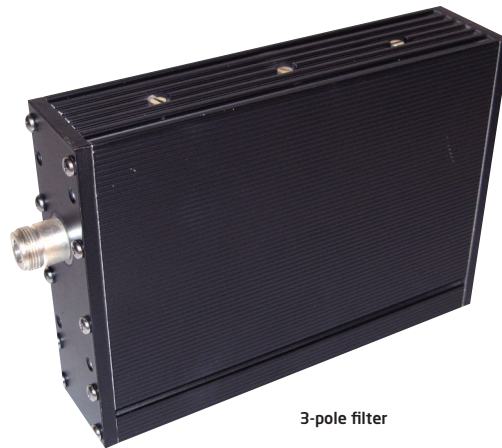


# UHF BANDPASS FILTER

50 W rms, 3 Pole and 4 Pole



3-pole filter

## PRODUCT FEATURES

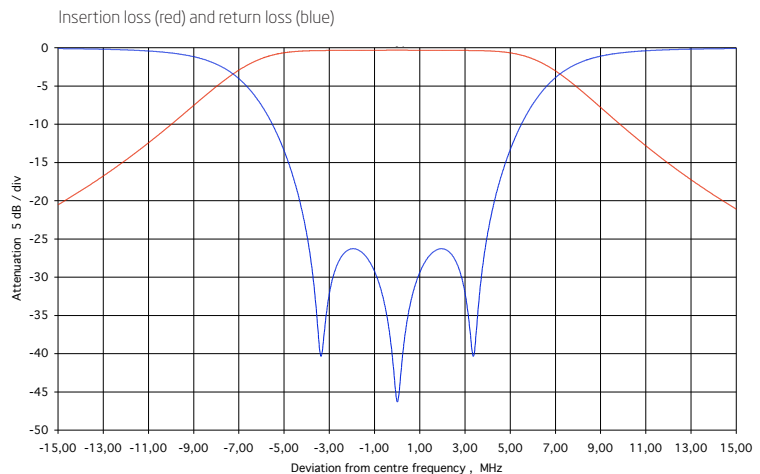
- Small size
- 19" rack-mountable
- Low insertion loss
- Retunable
- Adjustable bandwidth for 6, 7 or 8 MHz
- 10-year comprehensive warranty

## PRODUCT PROFILE

Built with special space-saving techniques and combining many of the best elements from various technologies, this filter meets the demands of broadcasters today where space is a cost and channel change is a demand. The filter is very easy to retune, small, compact and allows for easy mounting in a 19" rack, either separately or as part of a compact combiner system.

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	BPF4-3C04-AA00	BPF4-4C04-AA00
<b>FREQUENCY</b>	470 - 860 MHz	470 - 860 MHz
<b>MAXIMUM INPUT POWER</b>	50 W rms	50 W rms
<b>IMPEDANCE</b>	50 Ohm	50 Ohm
<b>VSWR</b>	<1.1 (>26 dB)	<1.1 (>26 dB)
<b>INSERTION LOSS</b>		
Centre frequency	<0.4 dB	<0.7 dB
± 3.8 MHz	<0.5 dB	<0.9 dB
± 4.2 MHz	>0.6 dB	>1.0 dB
± 6.0 MHz	>1.1 dB	>5.0 dB
± 12.0 MHz	>12.0 dB	>28.0 dB
± 20.0 MHz	>25.0 dB	>45.0 dB
<b>STANDARD CONNECTION</b>	N female	N female
<b>DIMENSIONS AND WEIGHT</b>		
<b>DIMENSIONS</b>		
L x W x H	218 x 43.3 x 130 mm (8.6 x 1.7 x 5.1 in)	218 x 43.3 x 130 mm (9 x 2 x 5 in)
<b>WEIGHT</b>	~1.3 kg (2.9 lb)	~1.6 kg (3.5 lb)