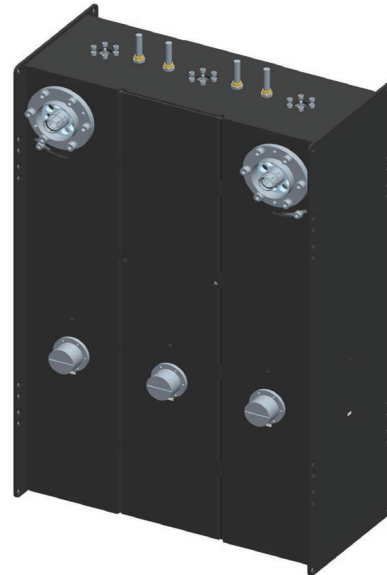


# FM Bandpass filter

8 kW, 3 Pole

BAND II

10  
year  
GUARANTEE



## PRODUCT FEATURES

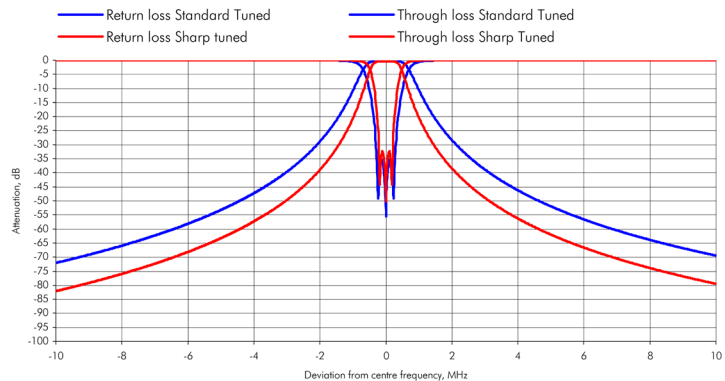
- Flexible design
- Temperature compensated
- Retunable 87 - 108 MHz
- 10-year comprehensive warranty

## PRODUCT PROFILE

Part of a family of filters in 3 cavity combination and ranging in power up to 10 kW. Used as a reflective bandpass filter or as part of a channel combiner, they provide channel isolation for channels as close as 1 MHz (closer channel spacing on request). FM band tunable and simple tuning along with a tuner design that does not use spring fingers ensures a solid reliable product for years of broadcast service.

Data in tables is typical. 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 °C with normal air flow. The product will have a maximum surface temperature of + 70 °C. Maximum power capacity may be lower depending on channel allocation.



ARTICLE	BPF2-3C20-AA00	
FREQUENCY	87 - 108 MHz	87 - 108 MHz
MAX INPUT POWER	8 kW	5.5 kW
IMPEDANCE	50 Ohm	50 Ohm
VSWR	<1.07 (>30 dB)	<1.07 (>30 dB)
<b>INSERTION LOSS</b>		
Centre frequency	<0.23 dB	<0.32 dB
± 200 kHz	<0.24 dB	<0.37 dB
INPUT CONNECTION	3 1/8" unflange	3 1/8" unflange
OUTPUT CONNECTION	3 1/8" unflange	3 1/8" unflange
<b>DIMENSIONS AND WEIGHT</b>		
DIMENSIONS	950 x 290 x 600 mm	950 x 290 x 600 mm
L x W x H	(37.4 x 11.4 x 23.6 in)	(37.4 x 11.4 x 23.6 in)
WEIGHT	55 kg (121.3 lb)	55 kg (121.3 lb)