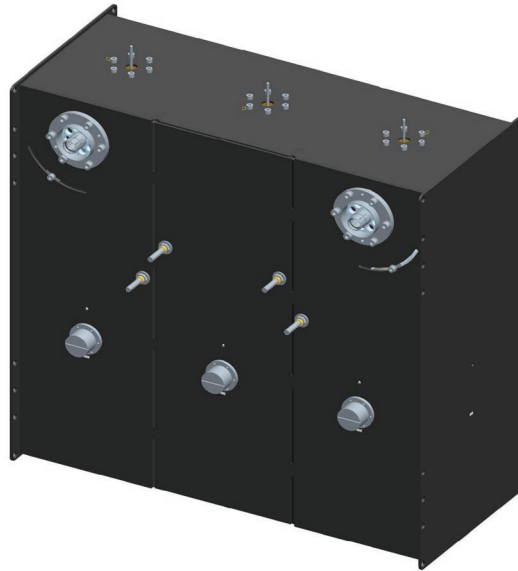


FM Bandpass filter

23 kW, 3 Pole

BAND II

10 year GUARANTEE



PRODUCT FEATURES

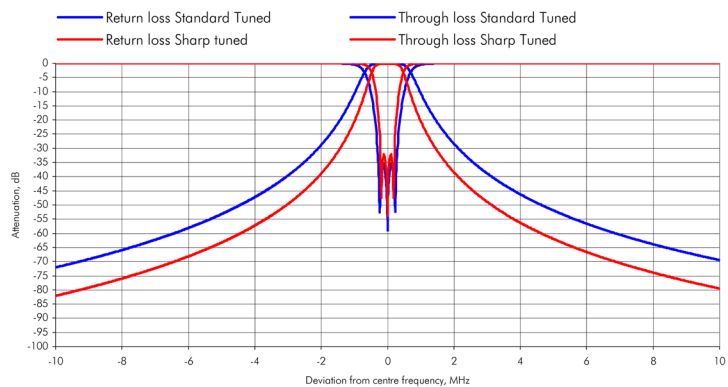
- Flexible design
- Low insertion loss
- Retunable 87 - 108 MHz
- Temperature compensated
- 10-year comprehensive warranty

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 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	BPF2-3C35-AA00	
FREQUENCY	87 - 108 MHz	87 - 108 MHz
MAX INPUT POWER	23 kW	14 kW
IMPEDANCE	50 Ohm	50 Ohm
VSWR	<1.07 (>30 dB)	<1.07 (>30 dB)
INSERTION LOSS		
Centre frequency	<0.15 dB	<0.22 dB
± 200 kHz	<0.15 dB	<0.24 dB
STANDARD INPUT CONNECTION	3 1/8" unflange	3 1/8" unflange
OPTIONAL INPUT CONNECTION	4 1/2" unflange	4 1/2" unflange
DIMENSIONS AND WEIGHT		
DIMENSIONS	900 x 410 x 920 mm	900 x 410 x 920 mm
L x W x H	(35.4 x 16.1 x 36.2 in)	(35.4 x 16.1 x 36.2 in)
WEIGHT	~70 kg (154.3 lb)	~70 kg (154.3 lb)
	Standard tuned	Sharp tuned