

# FM Bandpass filter

2.5 kW, 3 Pole



## PRODUCT FEATURES

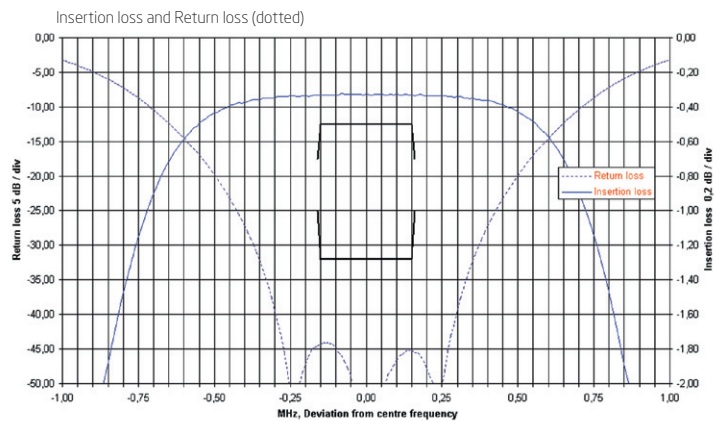
- Flexible and compact
- Retunable
- 10-year comprehensive warranty
- Temperature compensated

## PRODUCT PROFILE

High power temperature stabilized FM filters with 3 Pole, capable to handling power up to 2.5 kW. Used as a reflective band pass filter or as part of a channel combiner, they provide channel isolation for channels as close as 800 kHz. 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 + 20-25 °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	BPF2-3C11-A001P	BPF2-3C11-A002P
FREQUENCY	87 - 108 MHz	87 - 108 MHz
MAX INPUT POWER	2.5 kW	1.5 kW
IMPEDANCE	50 Ohm	50 Ohm
VSWR	<1.05 (>32 dB)	<1.05 (>32 dB)
<b>INSERTION LOSS</b>		
Centre frequency	<0.35 dB	<0.95 dB
<b>BANDWIDTH</b>		
±200 kHz	<0.45 dB	<1.2 dB
STANDARD CONNECTION	1 5/8" unflange	1 5/8" unflange
OPTIONAL CONNECTIONS	7/16 f/m or 7/8" flange	7/16 f/m or 7/8" flange

<b>DIMENSIONS AND WEIGHT</b>		
<b>DIMENSIONS</b>	887 x 324 x 108 mm	887 x 324 x 108 mm
L x W x H	(35 x 12.7 x 4.25 in)	(35 x 12.7 x 4.25 in)
<b>WEIGHT</b>	25 kg (55 lb)	25 kg (55 lb)
		Sharp tuned and temperature compensated