

# FM Bandpass filter

## 30 kW, 3 Pole



### PRODUCT FEATURES

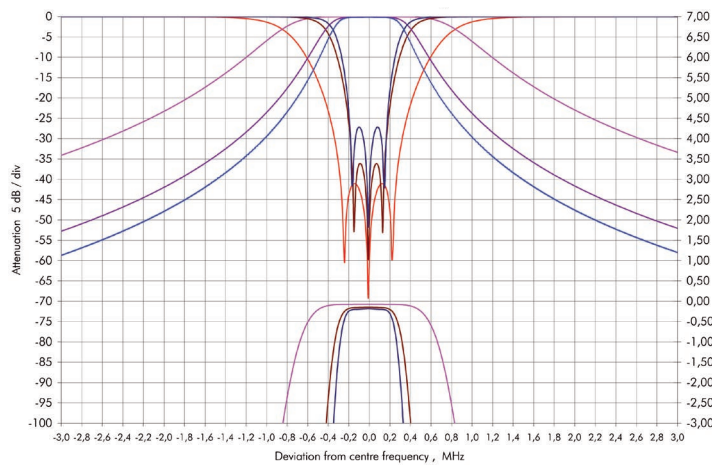
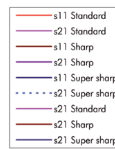
- High power filter
- Temperature stabilized
- Retunable
- 10-year comprehensive warranty

### PRODUCT PROFILE

High power temperature stabilized FM filters with 3 Pole, capable to handling power up to 33 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.

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.

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.



ARTICLE	BPF2-3C53-AA00	BPF2-3C53-AB00	BPF2-3C53-AC00	BPF2-3C53-AD00
FREQUENCY	87-108 MHz	87-108 MH	87-108 MHz	87-108 MHz
MAX INPUT POWER	33 kW	33 kW	25 kW	25 kW
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm	50 Ohm
VSWR	<1.05 (>32 dB)	<1.05 (>32 dB)	<1.05 (>32 dB)	<1.05 (>32 dB)
INSERTION LOSS				
Centre frequency	0,1 dB	0,1 dB	0,1 dB	0,1 dB
BANDWIDTH				
± 200 kHz	0,1 dB	0,1 dB	0,1 dB	0,1 dB
STANDARD CONNECTION	RL98 unflange	1 x RL98 unflange and 1 x 6 1/8" unflange	RL98 unflange	1 x RL98 unflange and 1 x 6 1/8" unflange
<b>DIMENSIONS AND WEIGHT</b>				
DIMENSIONS	919 x 622 x 1632 mm	919 x 622 x 1632 mm	919 x 622 x 1632 mm	919 x 622 x 1632 mm
L x W x H	(36.2 x 24.5 x 64.3 in)	(36.2 x 24.5 x 64.3 in)	(36.2 x 24.5 x 64.3 in)	(36.2 x 24.5 x 64.3 in)
WEIGHT	250 kg ( 551 lb)	250 kg ( 551 lb)	250 kg ( 551 lb)	250 kg ( 551 lb)
			Aluminium resonators	Aluminium resonators