

# FM Bandpass filter

30 kW, 3 Cavities

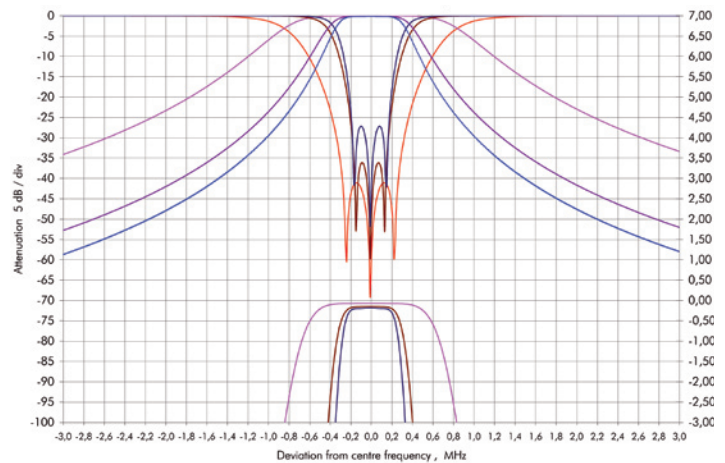
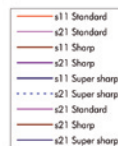
BAND II

10 year  
GUARANTEE



## PRODUCT FEATURES

- High power
- Temperature stabilised
- Retunable
- 10-year comprehensive warranty



## PRODUCT PROFILE

High power temperature stabilised FM filters with 3 cavities, capable of 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.

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