

UHF Bandpass filter

12 - 15 kW rms, 7 Cavities

BAND IV-V

10
year
GUARANTEE

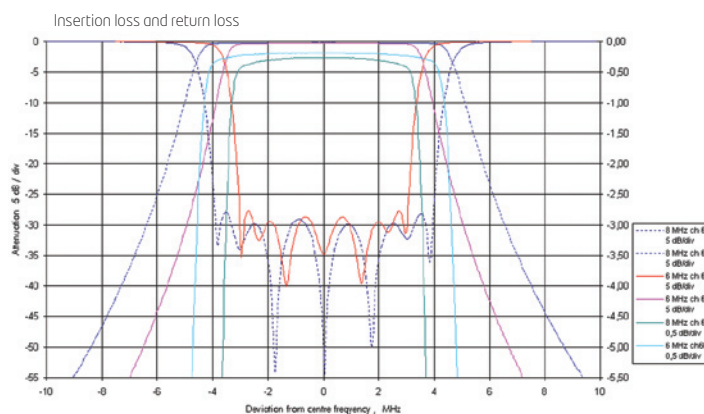


PRODUCT FEATURES

- Design based on waveguide technology
- Flexible modular design
- 7 cavities for sharp filtering
- Low insertion loss
- Temperature compensated
- Adjustable bandwidth for 6, 7 or 8 MHz
- 10-year comprehensive warranty

PRODUCT PROFILE

These 7 cavity, single-mode, waveguide filters employ the low-loss, high-power characteristics of waveguide technology with coaxial input and output. An ideal reflective filter for analogue and digital transmitters, or as a component within a channel combiner, they provide high rejection and isolation in a sturdy, self-supporting, compact assembly. Available for 12 kW maximum input power as well as with black finish and cooling fins for handling up to 15 kW rms.



ARTICLE	BPF4-7CWG-AA00 / BPF4-7CWG-AB00
FREQUENCY	470 - 860 MHz
INPUT POWER (at 25° C)	12 / 15 kW rms
IMPEDANCE	50 Ohm
VSWR	<1.1 (<26 dB)
INSERTION LOSS	
Centre frequency	<0.2 dB
±3.8 MHz	<0.3 dB
±4.2 MHz	>1 dB
±6.0 MHz	>28 dB
±12.0 MHz	>76 dB
STANDARD CONNECTIONS	RL 98 or RL 3 1/8
LENGTH	1416 mm (55.7 in)
DIAMETER	Ch 21; 500 mm (20 in)
	Varies according to channel
	Ch 68; 285 mm (11 in)
WEIGHT	Varies according to channel