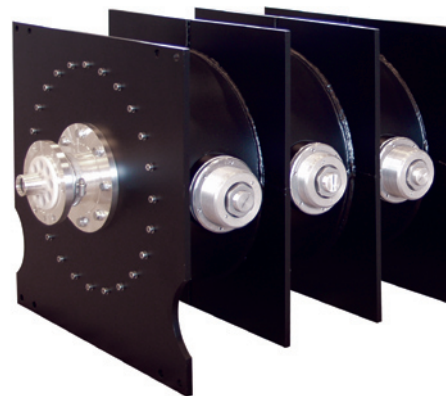


UHF Bandpass filter

12 and 15 kW rms, 3 Cavities

BAND IV-V

10
year
GUARANTEE

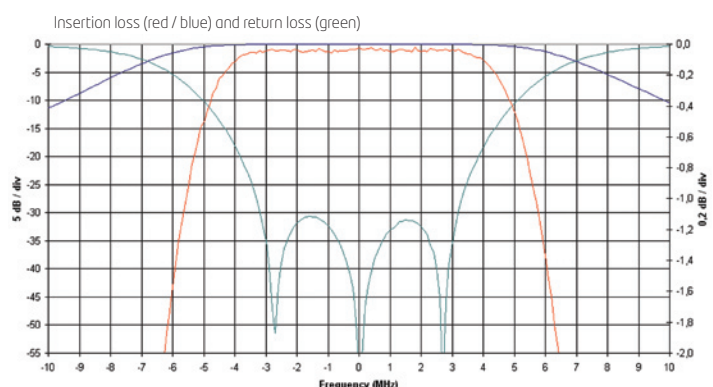


PRODUCT FEATURES

- Design based on waveguide technology
- Flexible modular design
- Extremely stable
- Low insertion loss
- Suitable for use with IOT or solid state transmitter in combined operation for vision/sound to eliminate out-of-band products
- Adjustable bandwidth for 6, 7 or 8 MHz
- 10-year comprehensive warranty

PRODUCT PROFILE

These 3 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	CWG4-3C00-A0 / BPF4-3CWG-AA00
FREQUENCY	470 - 860 MHz
MAXIMUM INPUT POWER (at 25° C)	12 kW rms / 15 kW rms 20 kW peak sync / 25 kW peak sync
IMPEDANCE	50 Ohm
VSWR	<1.1 (>26 dB)
INSERTION LOSS	Centre frequency <0.1 dB ±3.8 MHz <0.1 dB ±4.2 MHz <0.1 dB ±6.0 MHz >1.0 dB ±12.0 MHz >14 dB
STANDARD CONNECTION	RL 98
OPTIONAL CONNECTION	EIA 3 1/8
LENGTH	540 mm (21.3 in)
DIAMETER	Ch 21; 500 mm (20 in) Ch 68; 285 mm (11 in)
WEIGHT	Varies according to channel