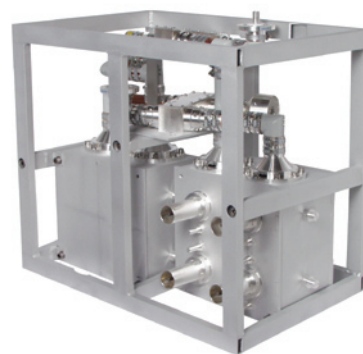


# UHF Constant Impedance Combiner

## 3 kW rms, 4 Cavities

BAND IV-V

10 year GUARANTEE

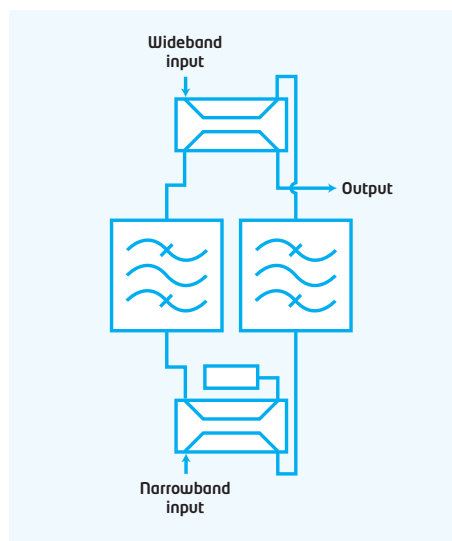


### PRODUCT FEATURES

- Flexible modular design
- Extremely stable
- High isolation
- Low insertion loss
- Temperature compensated
- Retunable
- Adjustable bandwidth for 6, 7 or 8 MHz
- 10-year comprehensive warranty

### PRODUCT PROFILE

The flexible 1.5 kW digital filter is now available in a 4-pole version. These combiners are among our most flexible RF systems. Multiple connector variations, UHF band tunability, temperature stability and many other quality features have made this unit popular with engineers and broadcasters.



ARTICLE	COM4-4BPF-AC00 / COM4-4BPF-AD00
<b>FREQUENCY</b>	470 - 860 MHz
<b>IMPEDANCE</b>	50 Ohm
<b>NARROWBAND INPUT</b>	
<b>MAX INPUT POWER</b>	3 kW rms
<b>INPUT VSWR</b>	<1.1 (>26 dB)
<b>INPUT CONNECTOR</b>	1 5/8" unflanged
<b>INSERTION LOSS</b>	
Centre frequency	<0.25 dB
±3.8 MHz	<0.3 dB
±4.2 MHz	>0.5 dB
±6.0 MHz	>6.5 dB
±12.0 MHz	>32 dB
<b>WIDEBAND INPUT</b>	
<b>INPUT VSWR</b>	<1.05 (>32 dB), 2 specified channels
<b>INPUT CONNECTOR</b>	1 5/8" unflanged / 3 1/8" unflanged
<b>INSERTION LOSS</b>	
±24 MHz	<0.05 dB
±16 MHz	<0.05 dB
±8 MHz	<0.2 dB
<b>ISOLATION</b>	
<b>NARROWBAND - WIDEBAND</b>	>36 dB
<b>WIDEBAND - NARROWBAND</b>	
±8 MHz from narrowband Cf	>60 dB
±24 MHz from narrowband Cf	>80 dB
<b>MINIMUM CHANNEL SPACING</b>	
	1 free channel
<b>MAXIMUM OUTPUT POWER</b>	
	5 kW rms/12 kW rms
<b>OUTPUT CONNECTOR</b>	
	1 5/8" unflanged/3 1/8" unflanged
<b>DIMENSIONS</b>	
	676 x 445 x 610 mm [26.6 x 17.5 x 24 in]
<b>WEIGHT</b>	
	~76 kg (~167.5 lb)