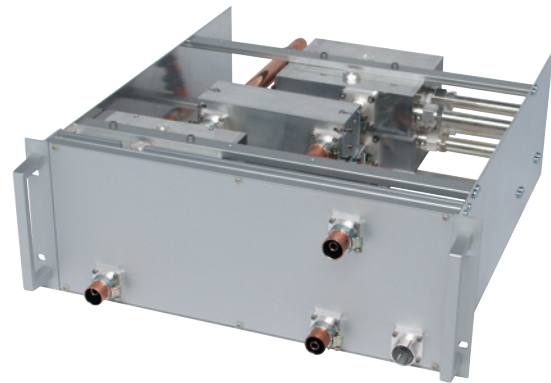


UHF Constant Impedance Combiner

400 and 500 W rms, 4 Cavities

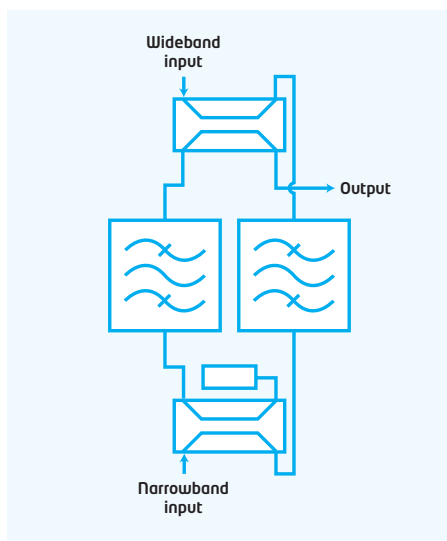


PRODUCT FEATURES

- Flexible and compact
- 19" rack-mountable
- High isolation
- Temperature compensation on request
- Retunable
- Adjustable bandwidth for 6, 7 or 8 MHz
- 10-year comprehensive warranty

PRODUCT PROFILE

This low-power combiner provides exceptional performance and system flexibility. Full UHF tuning 470-860 MHz with 6, 7 and 8 MHz bandwidth, without requiring any replacement of parts. The filter ensures excellent results in bandpass and channel combining applications. The combiner is small and built for mounting in a 19" rack. Also available with black finish for handling up to 500 W of input power.



ARTICLE	COM4-4BPF-AA00 / COM4-4BPF-AB00
FREQUENCY	470 - 860 MHz
IMPEDANCE	50 Ohm

NARROWBAND INPUT	
MAX INPUT POWER	400 / 500 W rms
INPUT VSWR	<1.1 (>26 dB)
INPUT CONNECTOR	7/8" RL unflanged
INSERTION LOSS	
Centre frequency	<0.5 dB
±3.8 MHz	<0.7 dB
±4.2 MHz	>1 dB
±6.0 MHz	>7 dB
±12.0 MHz	>32 dB

WIDEBAND INPUT	
INPUT VSWR	<1.07 (>30 dB), 2 specified channels
INPUT CONNECTOR	7/8" RL unflanged
INSERTION LOSS	
±24 MHz	<0.1 dB
±16 MHz	<0.15 dB
±8 MHz	<0.35 dB

ISOLATION	
NARROWBAND - WIDEBAND	
>36 dB	
WIDEBAND - NARROWBAND	
±8 MHz from narrowband Cf	>36 dB
±24 MHz from narrowband Cf	<70 dB

MINIMUM CHANNEL SPACING	1 free Channels
MAXIMUM OUTPUT POWER	1.5 kW rms
OUTPUT CONNECTOR	DIN 7/16 m/f, N m/f, 7/8" RL unflanged
DIMENSIONS	
	550 x 480 x 177 mm
	(21.5 x 19 x 4.6 in)
WEIGHT	15 kg (33 lb)