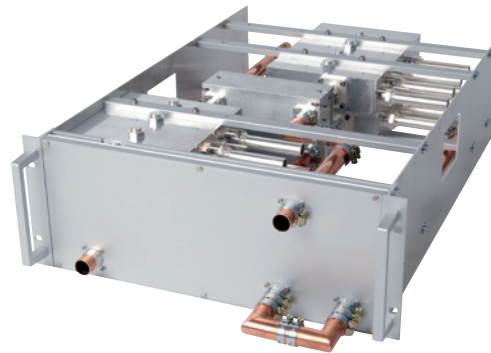


UHF Constant Impedance Combiner

400 and 500 W rms, 8 Cavities

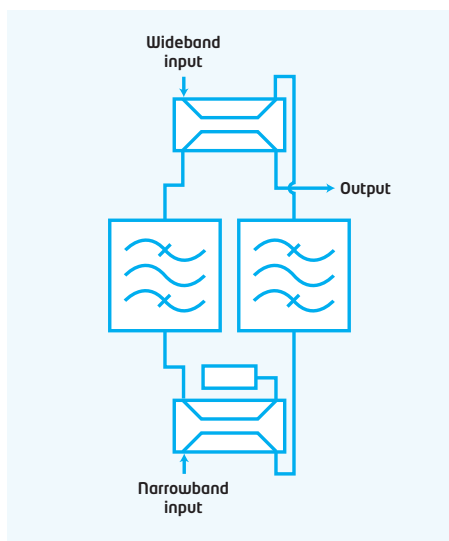


PRODUCT FEATURES

- Flexible and compact
- 19" rack-mountable
- High isolation
- Temperature compensation on request
- Retunable
- 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	COM4-8BPF-AC00
FREQUENCY	470 - 860 MHz
IMPEDANCE	50 Ohm

NARROWBAND INPUT	
MAX INPUT POWER	400 W rms
INPUT VSWR	<1.1 (>26 dB)
INPUT CONNECTOR	7/8" RL unflanged
INSERTION LOSS	No Cross-coupling
Centre frequency	<1.5 dB
±3.8 MHz	<3.5 dB
±4.2 MHz	>9 dB
±6.0 MHz	>43 dB
±12.0 MHz	>95 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	<0.1 dB
±8 MHz	<0.2 dB

ISOLATION	
NARROWBAND - WIDEBAND	>36 dB
WIDEBAND - NARROWBAND	
±8 MHz from narrowband Cf	>60 dB
±24 MHz from narrowband Cf	>70 dB

MINIMUM CHANNEL SPACING	Adjacent
MAXIMUM OUTPUT POWER	1.5 kW rms
OUTPUT CONNECTOR	7/8" RL unflanged
DIMENSIONS	680 x 480 x 177 mm (26.6 x 19 x 4.6 in)
WEIGHT	20 kg (44 lb)