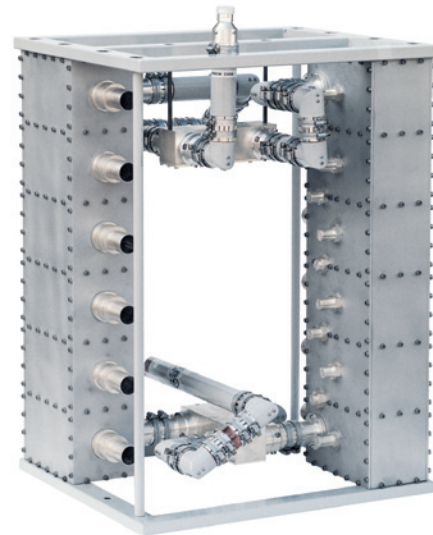


UHF Constant Impedance Combiner

1.5 kW rms, 6 Cavities

BAND IV-V

10 year GUARANTEE

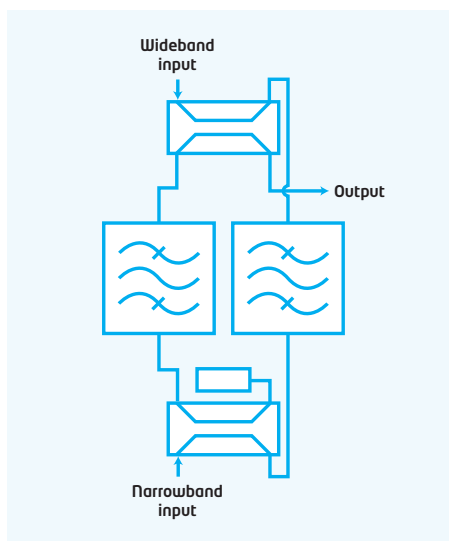


PRODUCT FEATURES

- Broadband coupling design
- Low insertion loss
- No contact springs
- High isolation
- Retunable
- 10-year comprehensive warranty

PRODUCT PROFILE

These popular combiners are used in several digital broadcasting stations around the world. The combiner matches perfect filtering with impressive flexibility provided by the broadband hybrids.



ARTICLE	COM4-6BPF-A001
FREQUENCY	470 - 860 MHz
IMPEDANCE	50 Ohm

NARROWBAND INPUT	
MAX INPUT POWER	1.5 kW rms
INPUT VSWR	<1.1 (26 dB)
INPUT CONNECTOR	EIA 1 5/8 (option DIN 7/16)
INSERTION LOSS	
Centre frequency	<0.6 dB
±3.8 MHz	<1.0 dB
±4.2 MHz	>2.5 dB
±6.0 MHz	>24 dB
±12.0 MHz	>60 dB

WIDEBAND INPUT	
INPUT VSWR	<1.05 (>32 dB), 2 specified channels
INPUT CONNECTOR	EIA 1 5/8 (option DIN 7/16)
INSERTION LOSS	
±24 MHz	<0.05 dB
±16 MHz	<0.05 dB
±8 MHz	<0.1 dB

ISOLATION	
NARROWBAND - WIDEBAND	>36 dB
WIDEBAND - NARROWBAND	
±8 MHz from narrowband Cf	<70 dB
±24 MHz from narrowband Cf	<80 dB

MINIMUM CHANNEL SPACING	1 free channels
MAXIMUM OUTPUT POWER	5 kW rms
OUTPUT CONNECTOR	EIA 1 5/8 (option DIN 7/16)
DIMENSIONS	
L x W x H	475 x 554 x 756 mm (18.7 x 21.8 x 29.7 in)
WEIGHT	56 kg (123.5 lb)