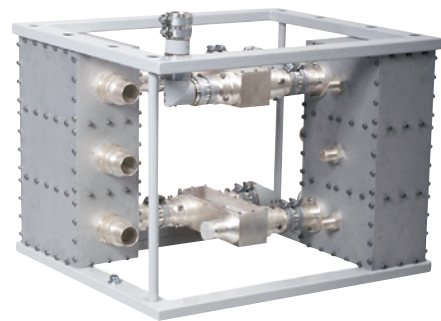


UHF Constant Impedance Combiner

1.5 kW rms, 3 Cavities

BAND IV-V

10 year GUARANTEE

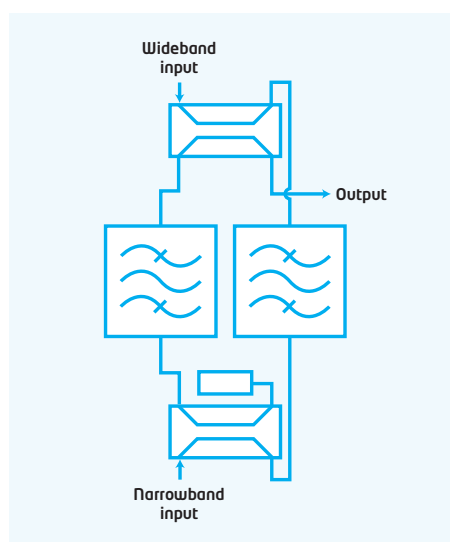


PRODUCT FEATURES

- Flexible modular design
- For both analogue and digital use
- Broadband coupling design
- Low insertion loss
- No contact springs
- High isolation
- Retunable
- 10-year comprehensive warranty

PRODUCT PROFILE

These small units are primarily used for combining analogue and digital channels. The use of 3 dB couplers make it a very flexible design that provides upgrading and expansion possibilities.



ARTICLE	COM4-3BPF-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 (Typical at ch. 28)	
Centre frequency	<0.2 dB
±3.8 MHz	<0.25 dB
±4.2 MHz	>0.25 dB
±6.0 MHz	>1.5 dB
±12.0 MHz	>16 dB
±20.0 MHz	>30 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	<1.5 dB
ISOLATION	
NARROWBAND - WIDEBAND	>36 dB
WIDEBAND - NARROWBAND	
±8 MHz from narrowband Cf	>36 dB
±24 MHz from narrowband Cf	>60 dB
MINIMUM CHANNEL SPACING	
	2 free channels
MAXIMUM OUTPUT POWER	
	5 kW rms
OUTPUT CONNECTOR	
	EIA 1 5/8 (option DIN 7/16)
DIMENSIONS	
	475 x 554 x 380 mm (18.7 x 22 x 15 in)
WEIGHT	
	35 kg (77.2 lb)