

VHF Starpoint Combiner

2 x 7 kW rms, 6 Pole

BAND III

10
year
GUARANTEE



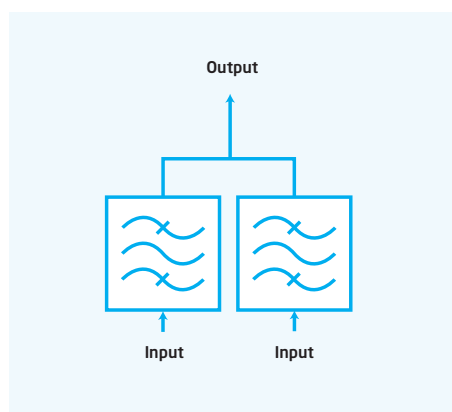
PRODUCT FEATURES

- High isolation
- Low insertion loss
- Retunable
- Cost-effective solution
- 10-year comprehensive warranty
- Available with notches

PRODUCT PROFILE

Filters can be tuned to 6, 7 and 8 MHz bandwidth.

Filters are available with notches for critical mask applications. The combiner uses temperature stabilized filters with six Pole.



Data in table is typical according to a standard tuned 8 MHz channel bandwidth. The combiner can be tuned for other specifications or bandwidths, please contact us for a specification designed for your requirements.

All average power values and technical data refer to an ambient temperature of +20-25 °C with normal air flow. The product will have a maximum surface temperature of +60 °C. Maximum power capacity may be lower depending on channel allocation.

ARTICLE	COM3-6BPF-AB00
FREQUENCY	174 - 240 MHz
MAXIMUM OUTPUT POWER	14 kW rms
MAXIMUM INPUT POWER	2 x 7 kW rms
IMPEDANCE	50 Ohm
VSWR	<1.1 (>26 dB)
INSERTION LOSS	
Centre frequency	<0.15 dB
±3.8 MHz	<0.3 dB
±4.2 MHz	>1.7 dB
±6.0MHz	>24 dB
±12.0 MHz	>63 dB
ISOLATION	>36 dB
MINIMUM CHANNEL SPACING	1 free channel
STANDARD INPUT CONNECTION	3 1/8" unflange
OPTIONAL INPUT CONNECTIONS	1 5/8" unflange
STANDARD OUTPUT CONNECTION	3 1/8" unflange

DIMENSIONS AND WEIGHT	
DIMENSIONS	870 x 520 x 1720 mm
L x W x H	(34.3 x 20.5 x 67.7 in)
WEIGHT	~280 kg (617 lb)