

DAB/DMB Constant Impedance Combiner

2 kW rms, 6 Cavities

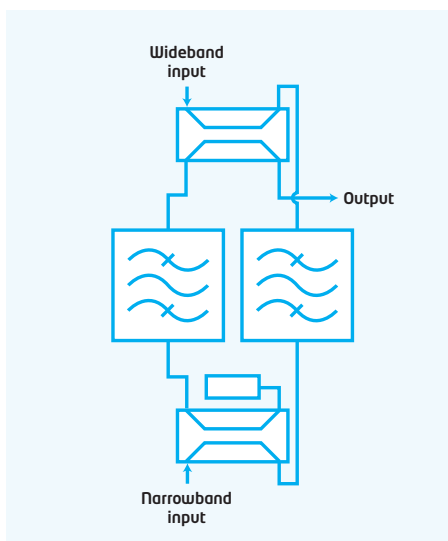


PRODUCT FEATURES

- With two physical notches
- Flexible modular design
- High isolation
- Critical and non-critical mask
- Temperature compensated
- Retunable

PRODUCT PROFILE

These DAB filters and combiners now have years of proven service throughout Europe and have met all the requirements of the Eureka 147 specification and individual broadcasters requirements. Filters with up to 8 sections in constant impedance and reflective configurations have been supplied in systems requiring stable group delay and rejection characteristics. Common applications also include combining with existing TV transmitters in an existing VHF antenna.



ARTICLE	COM3-6BPF-AA00
FREQUENCY	174 - 240 MHz
IMPEDANCE	50 Ohm
NARROWBAND INPUT	
MAX INPUT POWER	2 kW rms
INPUT VSWR	<1.1 (>26 dB)
INPUT CONNECTOR	EIA 1 5/8
INSERTION LOSS	
Centre frequency	<1.0 dB
±0.77 MHz	<2.0 dB
±0.97 MHz	>20 dB
±1.75 MHz	>44 dB
±3.00 MHz	>72 dB
WIDEBAND INPUT	
INPUT VSWR	<1.05 (>32 dB), 2 specified channels
INPUT CONNECTOR	EIA 1 5/8
INSERTION LOSS	
±3.00 MHz	<0.2 dB
±1.712 MHz	<0.3 dB
ISOLATION	
NARROWBAND - WIDEBAND	>36 dB
WIDEBAND - NARROWBAND	
±3.00 MHz from narrowband Cf	>80 dB
±1.712 MHz from narrowband Cf	>70 dB
MINIMUM CHANNEL SPACING	
	Adjacent
MAXIMUM OUTPUT POWER	
	10 kW rms
OUTPUT CONNECTOR	
	EIA 1 5/8
DIMENSIONS	
	565 - 805 x 1215 x 630 mm
L x W x H	(22.2 - 31.7 x 47.8 x 24.8 in)
WEIGHT	
	~123 kg (271 lb)