

# DAB/DMB Bandpass filter

2 kW rms, 6 Pole

BAND III

10  
year  
GUARANTEE



## PRODUCT FEATURES

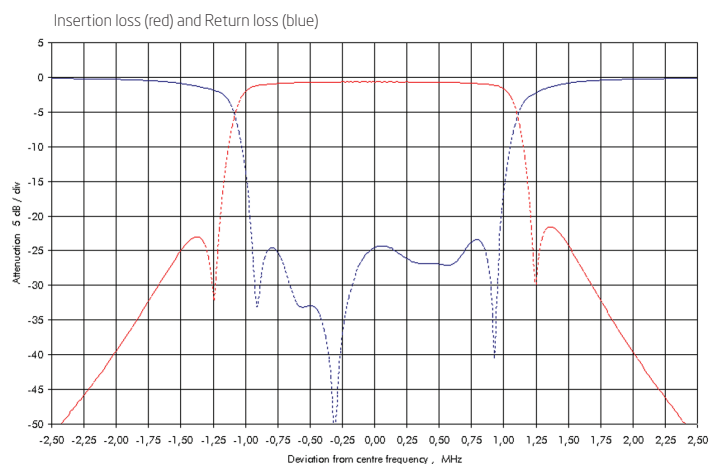
- Two physical notches
- Flexible design
- Extremely stable
- Low insertion loss
- Temperature compensated
- 2 physical notches
- Retunable
- 10-year comprehensive warranty

## PRODUCT PROFILE

This filter is developed to meet the critical specifications that apply when combining adjacent DAB blocks. A winning combination of broadband design, temperature compensation and sturdy aluminium case, provides significant advantages over our competition. The filter is fully tunable over the DAB frequency range (Band III), and contains a total of eight Pole, two of which function as physical notches for achieving exceptionally sharp filtering. This makes the filter very well suited for applications involving the combining of adjacent DAB channels.

Data in tables is typical. The filter 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	BPF3-6C20-AB00
FREQUENCY	174 - 240 MHz
MAXIMUM INPUT POWER	2 kW rms
IMPEDANCE	50 Ohm
VSWR	<1.1 (>26 dB)
INSERTION LOSS Centre frequency	<1.0 dB
±0.77 MHz	<1.8 dB
±0.97 MHz	>20 dB
±1.75 MHz	>44 dB
±3.00 MHz	>70 dB
STANDARD CONNECTION	3 1/8" unflange
OPTIONAL CONNECTIONS	1 5/8" unflange
DIMENSIONS AND WEIGHT	
DIMENSIONS	831 x 521 x 535-585 mm
L x W x H	(32.7 x 17 x 21-23 in)
WEIGHT	~50 kg (110 lb)