

DAB/DMB Bandpass filter

2 kW rms, 6 Cavities

BAND III

10
year
GUARANTEE

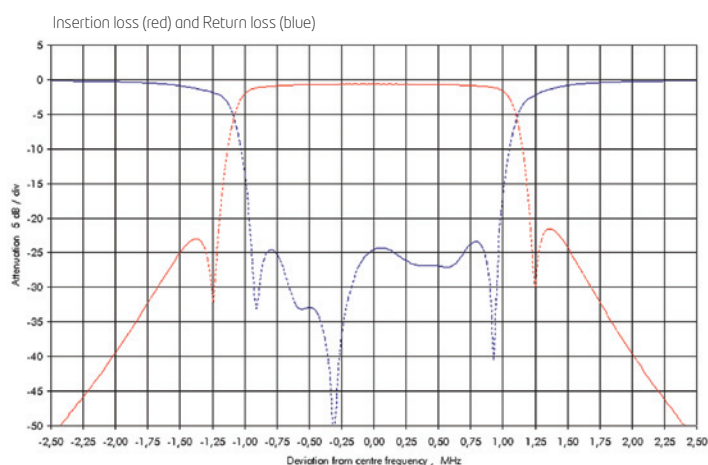


PRODUCT FEATURES

- 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 cavities, 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.



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	EIA 3 1/8"
OPTIONAL CONNECTION	EIA 1 5/8"
DIMENSIONS	831 x 521 x 535-585 mm (32.7 x 17 x 21.23 in)
WEIGHT	~50 kg (110 lb)