

DAB/DMB Bandpass filter

1 kW rms, 6 Pole

BAND III

10
year
GUARANTEE



PRODUCT FEATURES

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

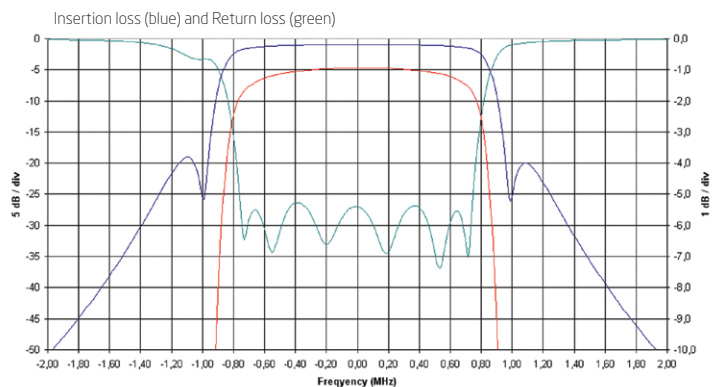
PRODUCT PROFILE

This filter is developed to meet the critical specifications when combining adjacent DAB blocks. The rigid aluminium case, temperature compensation and broadband design have significant advantages over our competition.

Data in table is typical according to a standard tuned DAB/DMB channel bandwidth. 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.

* average over ch bandwidth.



ARTICLE	BPF3-6C14-AA00 (With notch)
FREQUENCY	174 - 240 MHz
MAXIMUM INPUT POWER	1 kW rms
IMPEDANCE	50 Ohm
VSWR	<1.1 (>26 dB)*
INSERTION LOSS	
Centre frequency	<0.9 dB
±0.77 MHz	<2.0 dB
±0.97 MHz	>20 dB
±1.75 MHz	>44 dB
±3.00 MHz	>72 dB
STANDARD CONNECTION	1 5/8" unflange
OPTIONAL CONNECTIONS	7/8" flange or 7/16 f/m
DIMENSIONS AND WEIGHT	
DIMENSIONS	
L x W x H	550 - 670 x 1165 x 212 mm (21.6 - 26.4 x 45.9 x 8.3 in)
WEIGHT	43 kg (94.8 lb)