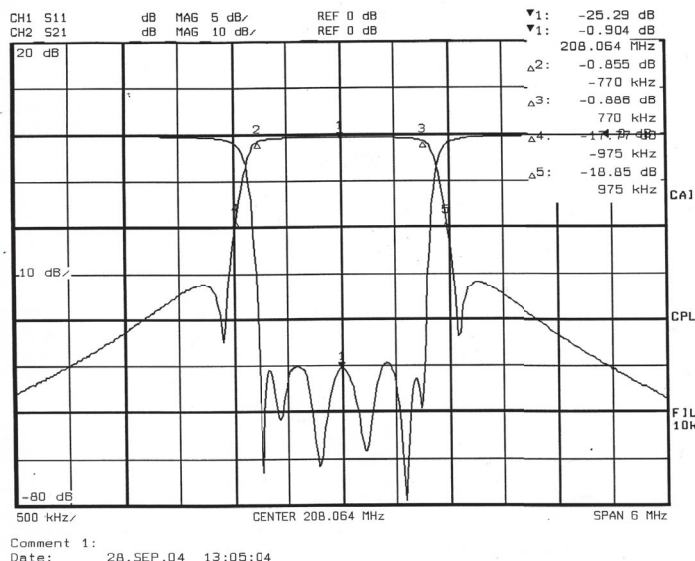
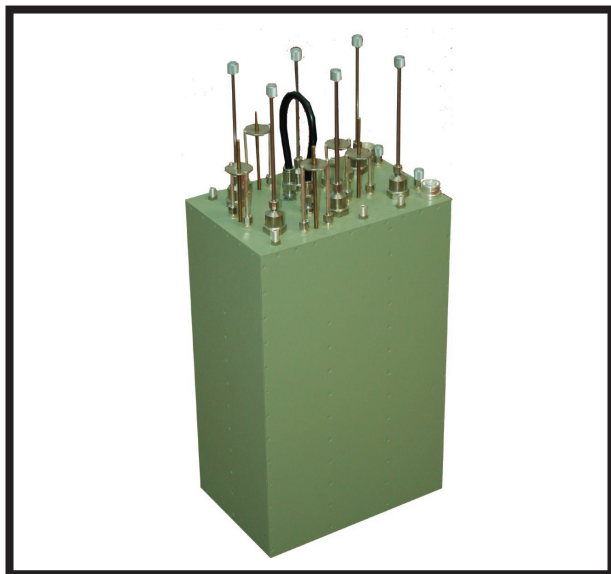


# DAB BIII BAND PASS FILTER (Critical and Non-Critical Mask)

400Wrms



## DAB FILTERS

Electrolink has expanded its radio filter products to include DAB filters. Electrolink is providing filters with up to 8 cavities to meet the strict requirements of both the critical and non-critical masks. All the filters are fully compliant with the Eureka 147 international specification achieved at DAB (170 - 240 MHz) and L Band (1452 -1492 MHz) frequencies at powers ranging from 200 W to 3 kW. All Electrolink filters are DAB band tunable and temperature compensated. The bandpass filters use light alloy and brass construction for stable high power performance.

## KEY FEATURES

- Flexible and compact
- Temperature stabilised
- Tunable all over DAB BIII Band
- Light alloy and brass construction
- Square cavity at high mechanical stability
- Thermic stabilization carried out with INVAR
- Silver superficial treatments and outer painting
- Mounted in every position
- Natural convection cooling
- Fine tuning

<b>PRODUCT</b>	400Wrms DAB BIII Band Pass Filter
<b>IN / OUT IMPEDANCE OHM</b>	50
<b>FREQUENCY RANGE MHz</b>	170 - 240
<b>INPUT POWERS RMS</b>	400W
<b>BANDWIDTH</b>	TUNABLE
<b>RETURN LOSS dB</b>	>23
<b>INSERTION LOSS dB f(0)</b>	<0,9dB
Attenuation f(0) ±0.77MHz	≤1dB
Attenuation f(0) ±0.97MHz	≥15dB
Attenuation f(0) ±1.15MHz	≥40dB
Attenuation f(0) ±3.00MHz	≥55dB
<b>TEMPERATURE RANGE °C</b>	-10 / +50
<b>DIMENSIONS mm</b>	217 x 322 x 731(H)
<b>WEIGHT Kg</b>	12
<b>INPUT/OUTPUT CONNECTORS</b>	EIA 7/16" (F) or EIA 7/8" (F)