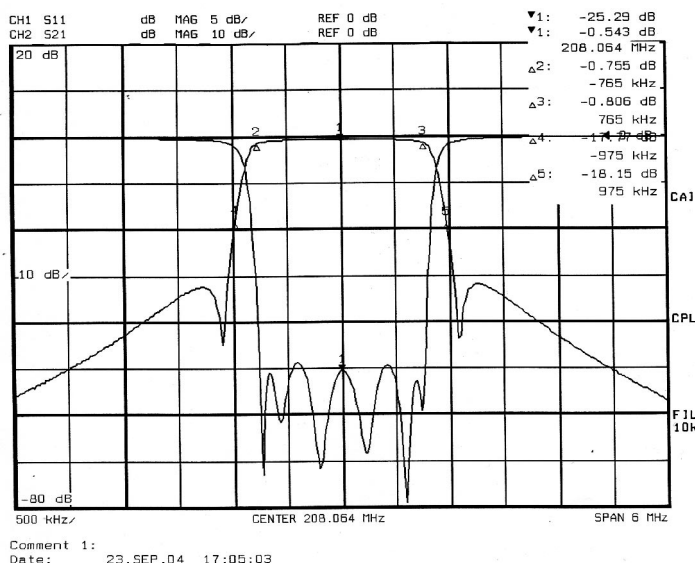
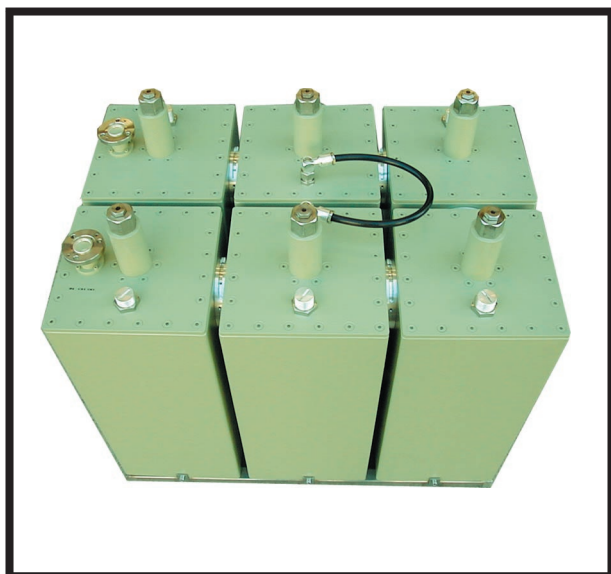


# DAB BIII BAND PASS FILTER (Critical and Non-Critical Mask)

1.000Wrms



## 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

PRODUCT	1KWrms DAB BIII Band Pass Filter
IN / OUT IMPEDANCE OHM	50
FREQUENCY RANGE MHz	170 - 240
INPUT POWERS RMS	1KW
BANDWIDTH	TUNABLE
RETURN LOSS dB	>23
INSERTION LOSS dB f(0)	<0,6
Attenuation f(0) ±0.77MHz	<0,8
Attenuation f(0) ±0.97MHz	≥15dB
Attenuation f(0) ±1.15MHz	≥40dB
Attenuation f(0) ±3.00MHz	≥55dB
TEMPERATURE RANGE °C	-10 / +50
DIMENSIONS mm	675 x 445 x 614(H)
WEIGHT Kg	56
INPUT/OUTPUT CONNECTORS	EIA 7/8" (F)