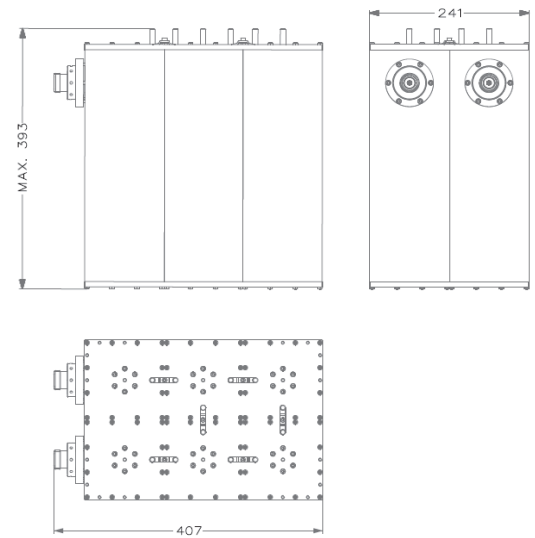


VHF DAB 6 poles bandpass filter • 600W
Electrical Specifications

Filter type	Bandpass coaxial
Order	6 with cross coupling
Cavity size	100 mm
Frequency range	170-240 MHz
Impedance	50 Ohm
Channel bandwidth	1.54 MHz
Maximum input power handling	600 W RMS
Connectors	DIN 7/16 (F)
2 nd Harmonic attenuation	> 50dB
Thermal stability	≤ 0,5 kHz / °C


Mechanical & Environmental Specifications

Dimensions (W x D x H)	240 x 400 x 440 mm
Weight	24 kg
Temperature range	-10°C to +50°C
Working position	Any


Responses ⁽¹⁾

Tuning Information	Non Critical Mask	Critical Mask
Insertion loss f_0	≤ 0,85 dB (170 MHz <0,9dB)	≤ 0,9dB (170 MHz <0,95 dB)
Insertion loss $f_0 \pm 0,77\text{MHz}$	< 2,4dB	< 2,6dB
Attenuations:		
$f_0 \pm 0.97\text{ MHz}$	> 5 dB	> 16 dB
$f_0 \pm 1.75\text{ MHz}$	> 35 dB	> 45 dB
$f_0 \pm 2.20\text{ MHz}$	> 40 dB	> 45 dB
$f_0 \pm 3.0\text{ MHz}$	> 50 dB	> 45 dB
VSWR $f_0 \pm 0,77\text{ MHz}$	1.12:1	1.12:1
	< 550 ns	< 800ns

Optional accessories

	7/16
Directional couplers at inputs and outputs (see page 149)	AC13-716
Rack mounted	√

NOTES:

(1): Other frequency responses can be supplied. Please, ask RYMSA RF.

The filter can be field returned to any channel within specified band