



# VHF BAND PASS 6 RESONATORS FILTER

66 ÷ 88 MHz, BANDWIDTH 2 MHz

T05160205

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POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

PMR

## Electrical Specifications

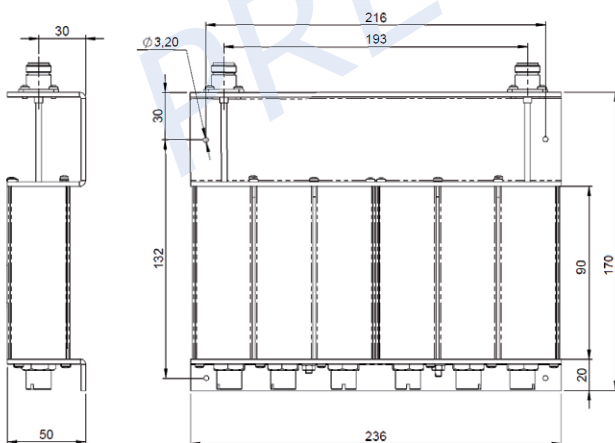
Frequency $f_0$ (MHz)	66 ÷ 88
Impedance ( $\Omega$ )	50
VSWR	< 1.5
Continuous Max. Power (W)	50
Insertion Loss (dB) @ $f_0$	< 1
Bandwidth (MHz) @ -1 dB	> 2
Attenuation (dB) out of band	see curves
Operation Temp. Range ( $^{\circ}\text{C}$ )	-20° ÷ +60°



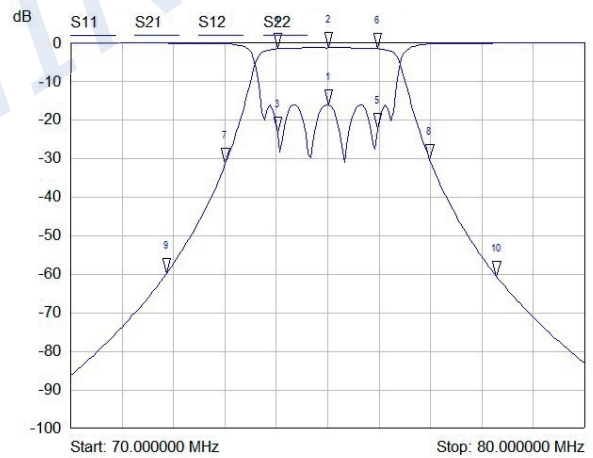
## Mechanical Specifications

Connectors	Nf
Dimensions (mm) (without connectors)	170 x 236 x 50
Weight (kg)	< 0.7

## Dimensions (mm)



## Filter response curves



Mkr	Trace	X-Axis	Value	Notes
1	S11	75.025000 MHz	-16.10 dB	
2	S21	75.025000 MHz	-1.25 dB	
3	S11	74.020000 MHz	-23.40 dB	
4	S21	74.020000 MHz	-1.52 dB	
5	S11	75.980000 MHz	-22.38 dB	
6	S21	75.980000 MHz	-1.54 dB	
7	S21	73.015000 MHz	-31.34 dB	
8	S21	76.985000 MHz	-30.39 dB	
9	S21	71.859000 MHz	-59.89 dB	
10	S21	78.291000 MHz	-60.61 dB	



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