



VHF BAND PASS 4 RESONATORS FILTER

66 ÷ 88 MHz, BANDWIDTH 2 MHz

T05140205

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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

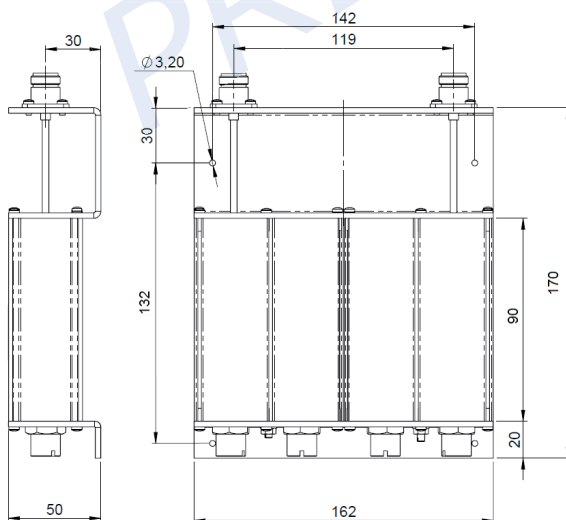
Frequency f_0 (MHz)	66 ÷ 88
Impedance (Ω)	50
VSWR	< 1.5
Continuous Max. Power (W)	50
Insertion Loss (dB) @ f_0	< 1
Bandwidth (MHz) @ -1 dB	> 2
Attenuation (dB) out of band	see curves
Operation Temp. Range ($^{\circ}\text{C}$)	-20° ÷ +60°



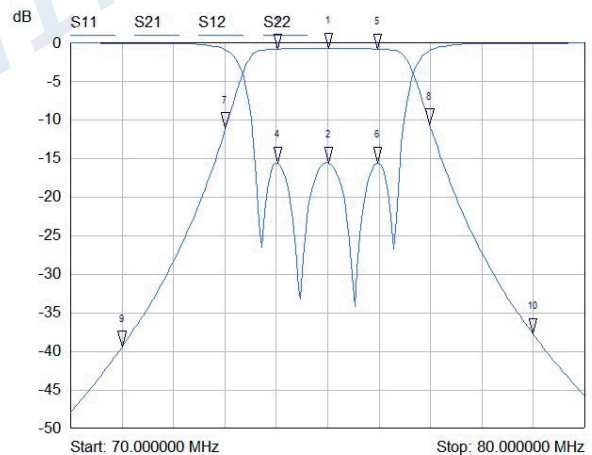
Mechanical Specifications

Connectors	Nf
Dimensions (mm) (without connectors)	170 x 162 x 50
Weight (kg)	< 0.5

Dimensions (mm)



Filter response curves



Mkr	Trace	X-Axis	Value	Notes
1	S21	75.025000 MHz	-0.72 dB	
2	S11	75.025000 MHz	-15.59 dB	
3	S21	74.020000 MHz	-0.84 dB	
4	S11	74.020000 MHz	-15.62 dB	
5	S21	75.980000 MHz	-0.84 dB	
6	S11	75.980000 MHz	-15.60 dB	
7	S21	73.015000 MHz	-11.07 dB	
8	S21	76.985000 MHz	-10.56 dB	
9	S21	71.005000 MHz	-39.43 dB	
10	S21	78.995000 MHz	-37.78 dB	