



VHF BAND PASS HIGH SELECTIVITY FILTER

136 ÷ 144 MHz, BANDWIDTH 6 MHz

T05140506

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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

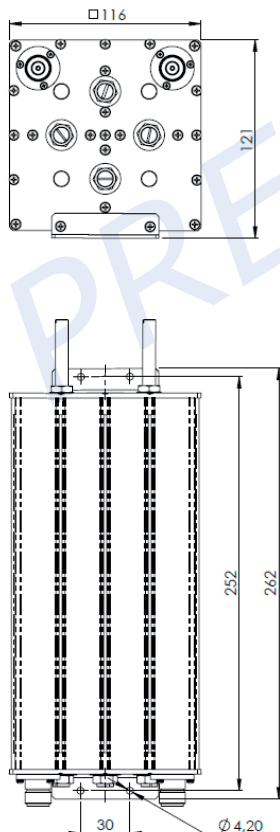
Frequency f_0 (MHz)	136 ÷ 144
Impedance (Ω)	50
VSWR	< 1.5
Continuous Max. Power (W)	50
Insertion Loss (dB) @ f_0	< 0.7
Bandwidth (MHz) @ -1 dB	> 6
Attenuation (dB) out of band	see curves
Operation Temp. Range ($^{\circ}\text{C}$)	-20° ÷ +60°

Mechanical Specifications

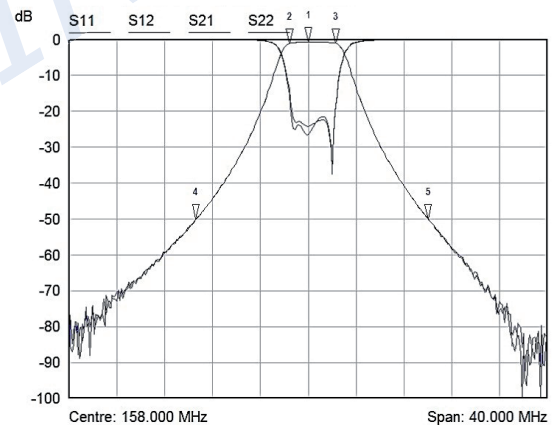
Connectors	Nf / Nf
Dimensions (mm) (without connectors)	262 x 116 x 121
Weight (kg)	< 3



Dimensions (mm)



Filter response curves



Mkr	Trace	X-Axis	Value	Notes
1	S12	158.000 MHz	-0.674 dB	
2	S12	156.460 MHz	-1.000 dB	
3	S12	160.274 MHz	-1.000 dB	
4	S12	148.628 MHz	-50.000 dB	
5	S12	168.024 MHz	-50.000 dB	



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