



VHF HIGH SELECTIVITY BAND PASS FILTER DUPLEXER

164 ÷ 174 MHz

T06210518

POLOMARCONI.IT

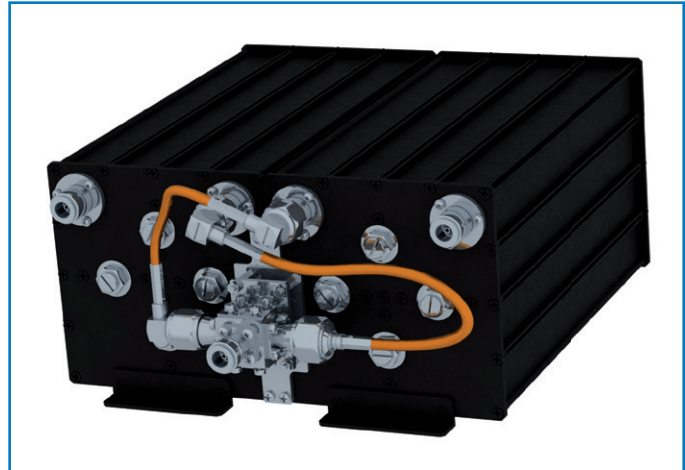


POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

PMR

Electrical Specifications

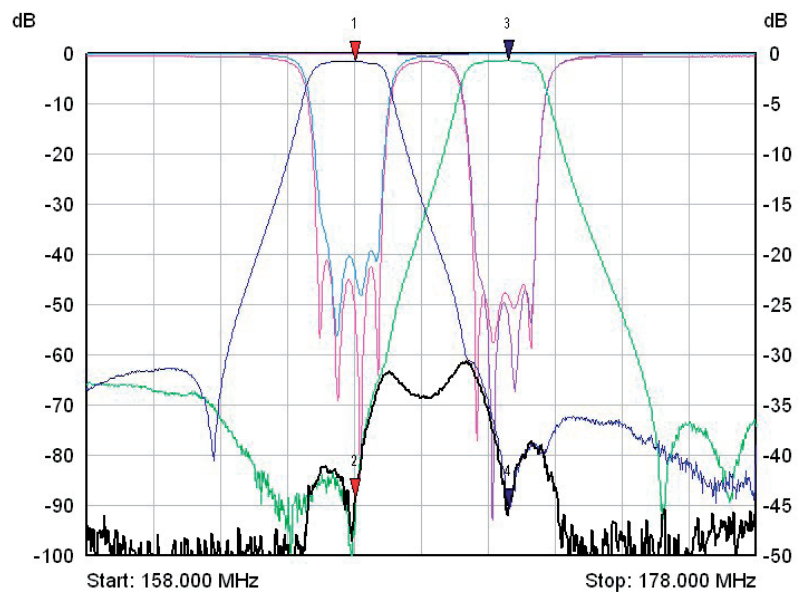
Frequency Band (MHz)	164 ÷ 174
Channel Spacing (MHz)	> 4
Impedance (Ω)	50
VSWR	$\leq 1.5:1$
Continuous Max. Power (W)	100
Insertion Loss (dB)	≤ 1.7
TX-RX Isolation (dB)	≥ 80
Operation Temp. Range ($^{\circ}\text{C}$)	$-20^{\circ} \div +60^{\circ}$



Mechanical Specifications

Connectors	Nf
Dimensions (mm)	233 × 120.5 × 338 MAX
Weight (kg)	< 6.5
Color	RAL 9011
Material	Aluminium Alloy

Duplexer Response curves



Mkr	Trace	X-Axis	Value	Notes
1	S13	166.019 MHz	-1.440 dB	
2	S32	166.019 MHz	-87.431 dB	
3	S12	170.619 MHz	-1.408 dB	
4	S32	170.619 MHz	-90.366 dB	



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