



POLOMARCONI.IT



VHF BAND PASS CAVITY FILTER

118 ÷ 137 MHz, Adjustable loops

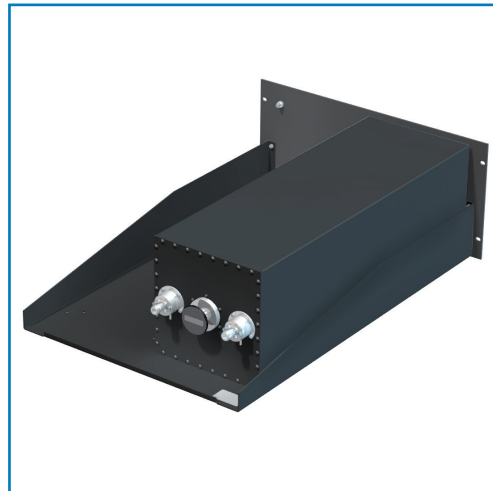
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POLOMARCONI offers a very wide range of wireless products.
Our products can be tailored according to the customer's need.

Electrical Specifications

Frequency Band (MHz)	118 ÷ 137	
Impedance (Ω)	50	
Return Loss (dB)	≥ 15	
Insertion Loss (dB) with adjustable loops	0.5 ÷ 2	
Selectivity (dB) with 1 dB Insertion Loss	$f_0 \pm 0.5\% f_0$	≥ 17
	$f_0 \pm 1\% f_0$	≥ 23
	$f_0 \pm 2\% f_0$	≥ 29
Max Continuous Power (W) per channel	< 200	
Electrical Safety	IEC 60950-1 EN 60950-1	
EMC	ETSI EN	301
		489-1
		489-22



Mechanical Specifications

RF Connectors	Nf	
Dimensions	5U×19"×648mm	
Weight (kg)	<13	
External Finishing	RAL 9011	
Panel Colour	RAL 9011	
Material	Aluminium	
Tuning Control	with internal mechanism	
Operating Environment	ETS 300 019-1-2	
	ETS 300 019-2-3	
	Class 3.1E	
Extended Temp. Range (°C)	-10 ÷ +55	
Transportation and Handling	ETS 300 019-2-2 Class 2.2	