



VHF AUTOMATIC FILTER

Single Cavity, 118 ÷ 156 MHz

T05110433

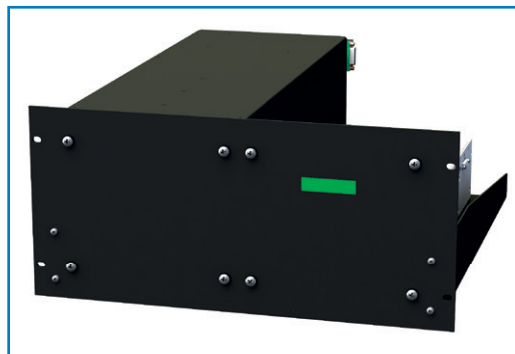
POLOMARCONI.IT

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

ATC

Electrical Specifications

Frequency band (MHz)	118 ÷ 156	
Impedance (Ω)	50	
Maximum tuning time between f_{min} ÷ f_{max} (sec)	24	
Channel Spacing (kHz)	ICAO	8.33, 25
Return Loss (dB)	typical	> 18
	maximum	> 15
Max. Continuous Power (W)	200	
Midband Insertion Loss (dB) @ 127.5 MHz	≤ 1	
Midband Attenuation (dB) with 1 dB I.L. @ $f_0 \pm 0.5\%$	> 15	
Attenuation (dB) with 1 dB I.L. @ $f \pm 1\%$	≥ 20	
Remote Control Interface	RS 422	
Maintenance interface	RS 232	
Current Consumption (mA) @ 220 V _{AC}	stand-by	≤ 165
	on tuning	≤ 300
Current Consumption (mA) @ 24 V _{DC}	stand-by	≤ 75
	on tuning	≤ 900
Power Supply	main (V _{AC})	110 ÷ 230 (48 ~ 62 Hz)
	stand-by (V _{DC})	21 ÷ 31
Operating Temp. Range (°C)	-10 ÷ +55	



FRONT VIEW



REAR VIEW

Mechanical Specifications

RF Connector	Nf
Dimensions	5U x 19" x 610mm
Weight (Kg)	14
Panel and Cavity Colour	RAL9005
Emergency Mechanical Tuning	by screwdriver