



VHF AUTOMATIC DUAL CAVITY FILTER

118 ÷ 156 MHz

T05120440

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
Minimum tuning step (KHz)	< 8
Tuning Accuracy (KHz)	< 10
Return Loss (dB)	typical 15 min 10
Max Power (W) @ 2dB I.L.	100 CW
Power Supply	main (V_{AC}) 110 ÷ 230 (48/62 Hz)
	stand-by (V_{DC}) 21 ÷ 31
Peak Envelope Power (W)	400
Midband insertion loss (dB) @ 127.5 MHz	≤ 2
Midband attenuation (dB) @ 2dB I.L. @ 127.5 ± 0.5 MHz	> 35
Remote Control Interface	Serial on RS 422 (communication protocol T6 radio)
Maintenance interface	RS 232
Current Consumption (mA) @ 220 VAC	stand-by < 10 on tuning < 300
Operating Temp. Range (°C)	-10 ÷ 55
Thermal stability (ppm/°C)	3



Mechanical Specifications

RF Connector	N f
Dimensions	7U x 19" x 610
Weight (Kg)	26
Panel colour	RAL9005 (black)
External finishing	RAL9005 (black)
Maximum tuning time (s)	22
Emergency Mechanical Tuning	by screwdriver