



VHF SINGLE AUTOMATIC CAVITY FILTER

118 ÷ 156 MHz, (JBUS PROTOCOL)

T05110451

POLOMARCONI.IT

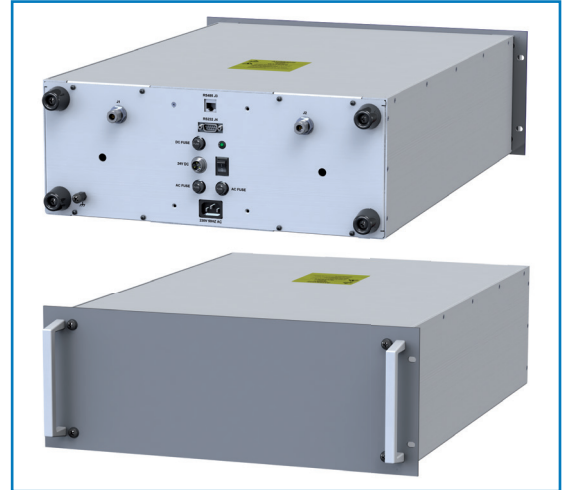


POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

ATC

Electrical Specifications

Frequency Band (MHz)	118 ÷ 156	
Impedance (Ω)	50	
Channel Spacing (KHz)	ICAO8.33	8.33
	ICAO25	25
Return Loss (dB)	≥ 14	
Max Continuous Power (W)	200	
Insertion Loss (dB)	≤ 1.3	
Selectivity (dB)	$\Delta f \geq \pm 0.5\%$	≥ 11.5
	$\Delta f \geq \pm 1\%$	≥ 17.5
Remote Control Interface with Integrated Bus Termination	4WIRE RS 485 (JBUS PROTOCOL)	
Maintenance Interface	RS 232	
Current Consumption (mA) @ 230 VAC	stand-by	≤ 165
	on tuning	≤ 230
Current Consumption (mA) @ 24 VDC	stand-by	≤ 75
	on tuning	≤ 530
Thermal Stability (ppm/ $^{\circ}\text{C}$)	3	
Power Supply	main (VAC)	230 ($\pm 20\%$)
	stand-by (VDC)	21 ÷ 31
Electrical Safety	IEC 60950-1 EN 60950-1	
EMC	ETSI EN 301 489-1 489-22	



Mechanical Specifications

Maximum tuning time between f_{\min} ÷ f_{\max} (sec)	22
Emergency Mechanical Tuning	by screwdriver
RF Connector	N f
Dimensions	4U × 19" × 600mm
Weight (Kg)	< 12
Panel and Cavity Colour	RAL7035
Operating Environment	ETS 300 019-1-2 ETS 300 019-2-3 Class 3.1E
Extended Temperature Range ($^{\circ}\text{C}$)	-10 ÷ +55
Transportation and Handling	ETS 300 019-2-2 Class 2.2