



VSWR METER

100 ÷ 500 MHz

T11631407

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)	100 ÷ 500
Impedance (Ω)	50
VSWR	min 1.05 max 1.25 typ. 1.1
Insertion Loss (dB)	≤ 0.1
Input Continuous Max Power (W)	250
Min. Power detected (mW)	500
Power Supply (V_{DC})	20 ÷ 40
Alarm Conditions	alarm on $\leq 1 V_{DC}$
	alarm off Power Supply
	adjustable threshold VSWR = $2 \div 3.5 \pm 25\%$
Factory VSWR threshold	2.3 $\pm 25\%$
Op. Temp. Range ($^{\circ}C$)	-10 ÷ 70

Mechanical Specifications

Dimensions (mm)	110 × 28 × 70
Colour	RAL9005 (black)
Fixing Holes	4 × M2.5
Dimensions (mm)	$\varnothing 35 \times 38$
Weight (g)	410
RF Connector	N f

Power Supply and Alarm Connector pin-out
D-sub 9 poles f

1	alarm output (active low)
3, 4	power supply
2, 7, 8	not connected
5, 6, 9	ground

4 pins male connector for LEDs
2.54mm Tyco AMPMODU

1	ALARM LED + (A)
2	ALARM LED - (K)
3	POWER LED - (K)
4	POWER LED + (A)



DESCRIPTION:

The VSWR Meter is used to detect any possible malfunctioning in the device, typically an antenna.

It measures VSWR value and sends an alarm when the latter exceeds a certain user defined threshold [adjustable from 1.5 to 4].