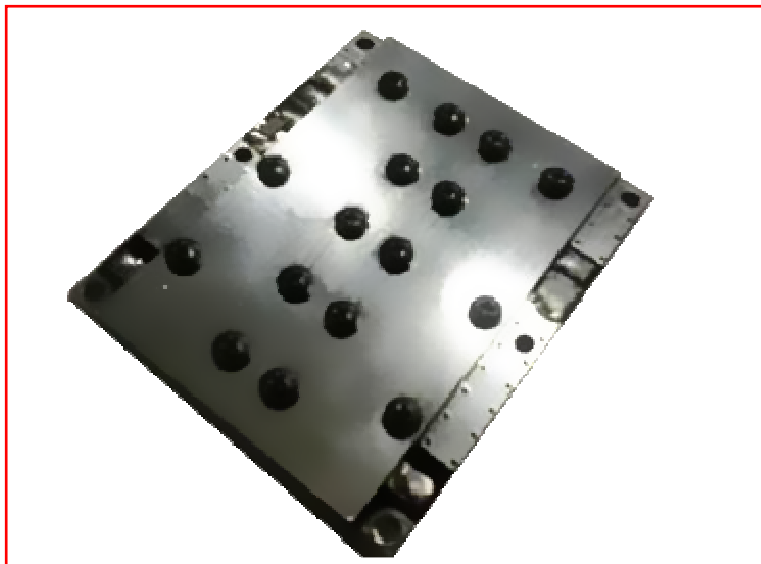




UHF DIRECTIONAL COUPLER STRIPLINE

The Italmec UHF directional coupler is made in stripline technology. It has two RF monitors dedicated to the forward power and one RF monitor dedicated to the reflected power.

- 470 - 860 MHz
- 50 Ohm In/Out impedance
- Dimensions (LxWxH): 78 x 67 x 10 mm
3.07"x 2.63"x 0.39"

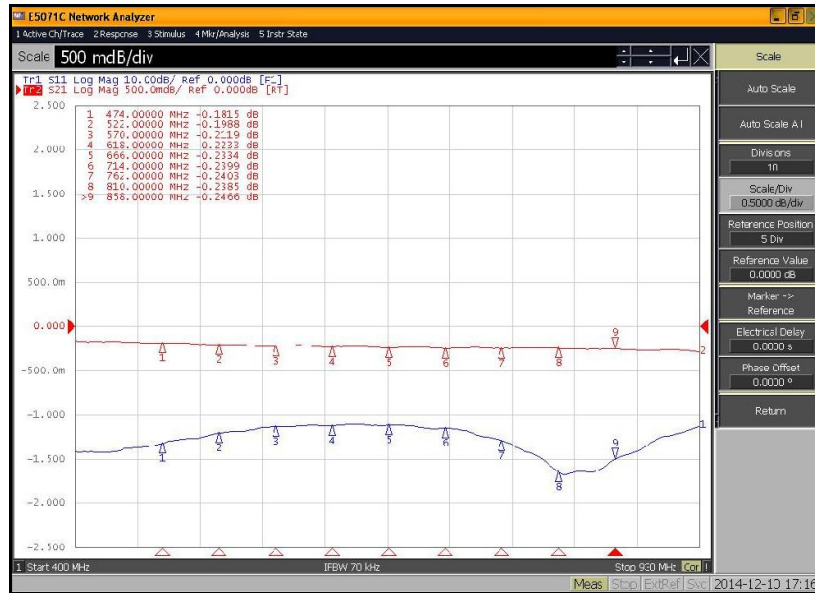


Electrical Specifications

Parameter	Min.	Typ.	Max.	Units.	Note
Input power			250	W	CW
Return Loss input/output ports	-20			dB	
Insertion Loss @ 860 MHz			0.3	dB	
FWD Coupling 1&2		-34		dB	
RFL Coupling		-30		dB	
Isolation RF FWD vs RF RFL	-20			dB	
Input Connection					Solder tab
Output Connection					Solder tab



Typical performances



Return Loss Input Port and Insertion Losses

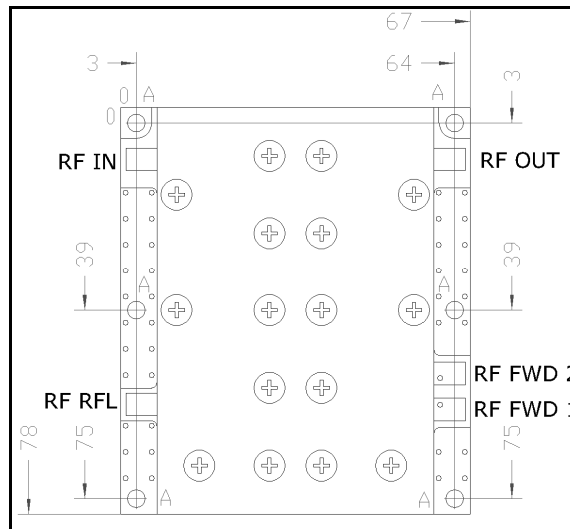


RF RFL Coupling



Isolation RF FWD vs RF RFL

Mechanical Layout



Screws Type:

Screws point A: 6 M3 Socket head cap screws + 6 Split lock washers WZ \varnothing 3.5

IMPORTANT NOTICE

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