

RF POWER AMPLIFIER 2000 W 144 MHz

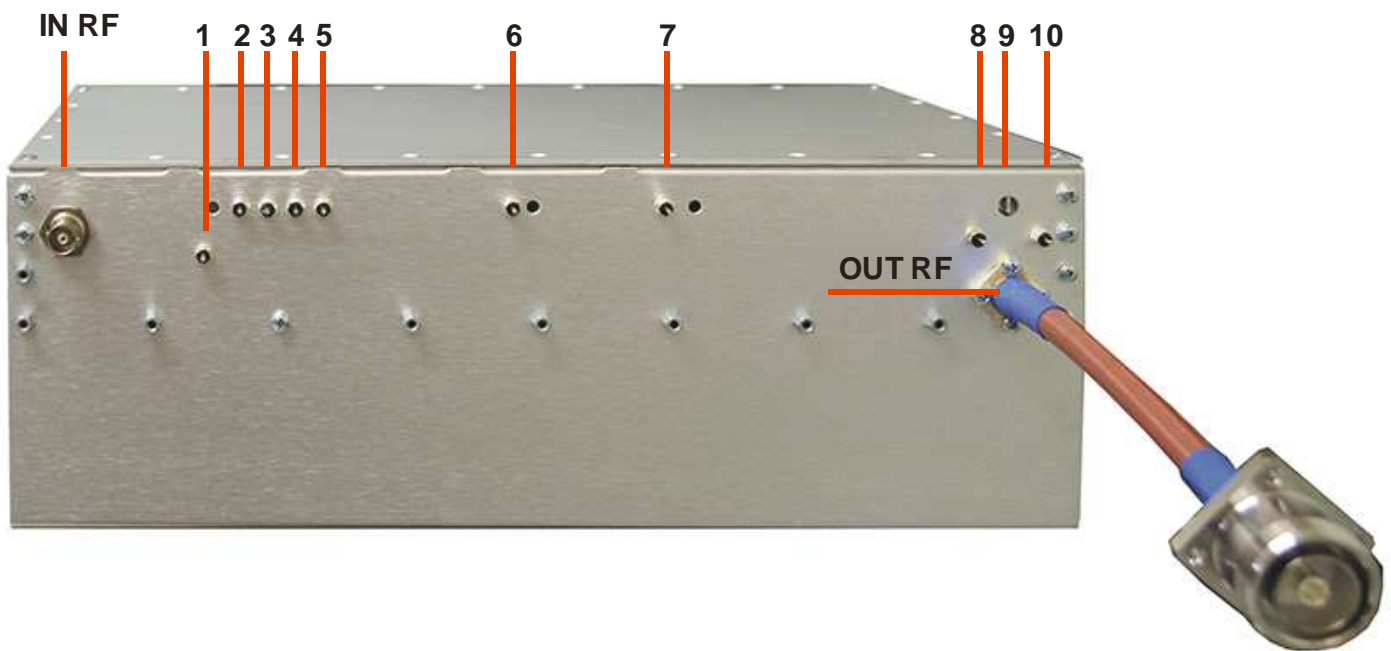


GENERAL CHARACTERISTICS

Frequency Range	142 ÷ 146 MHz	
Power Output (@ 144 MHz)	≤ 2100 W	
Power Input	15 W ÷ 1 dB	
S.W.R. input (@ 144 MHz)	≤ 1, 1:5	
Harmonic product	≤ - 75 dBc	
Input - Output Impedance	50 Ω	
Working Temperature Radiator	0 ÷ 70°C	
Input connector	Type BNC	
Output connector	Type 7/16"	
Output connector RF Test (- 60 dBc ÷ 3 dB)	Type SMA	Option
Output Test Temperature	NTC 10K Ω	Option
DC Power	4 x 46.5 Volt	
Current Work	63 A ÷ 3%	
Dimension	350 X 110 X 120 mm	
Weight		
Weight	8 Kg	

* The above data is purely indicative, Italab may vary them without any warning

CONNECTIONS



- 1 INHIBIT INPUT (MAX – 5 Vdc)
- 2 DC POWER INPUT
- 3 DC POWER INPUT
- 4 DC POWER INPUT
- 5 DC POWER INPUT
- 6 TEST TEMPERATURE MOSFET
- 7 TEST TEMPERATURE R 100 Ω WILKINSON OUT
- 8 SWR TEST OUTPUT
- 9 PWR TEST OUTPUT