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Power Amplifier Specification

MODEL:PA- 4002

EYAL PROJECT NO: **PA-4002-00**

#	PARAMETER	DESCRIPTION	COMENTS
1	Frequency Band	1380÷1500 MHz	
2	Output Power	72 Watt CW (72 Watt cw minimum @ Saturation, 2:1 Load VSWR & 65°C environment)	Modulation Types: CW, FSK PULSE (20 µ Sec. min.)
3	DC Current	10 A MAX. for Output Power 72 W	Preference: Class C Amplifier
4	Input Signal	10 dBm	
5	VSWR (In/Out)	2:1	
6	Protection	Infinite Load VSWR (No Damage)	
		Input Overdrive 100 mW CW	
7	Voltage	+28 Volt (nominal)	+28 ±1 Volt
8	Environment (in Operation)	Temperature -10° - +65°C(base plate)	
9	Connectors (In/Out)	SMA (Female)	
10	Enable	“0” On “1” Off	20 µ Sec. min.
11	DC or RF Indication (Rough Indication) for <u>FORWARD</u> and <u>REFLECTED</u> Power from Load.	Indication (Rough Indication) is requested for <u>FORWARD</u> Power and <u>REFLECTED</u> Power from Load	Preference Option
12	Size	As per attached drawing	