

Specification

1. Item

Product	500~1000MHz Broadband Power Amplifier
Partnumber	EBM-0500M1000-47-46

2. Revision History

Issued / Revision	R&D Approved	Revision Detail



Design	R & D	Approval
		
CYKIM		

Customer:	Date:	Part No.: EBM-0500M1000-47-46
-----------	-------	--------------------------------------

General Specification

No.	Parameter	Specification	Unit
1	Operating Frequency Range	500~1000MHz	-
2	Output Power(Psat)	50W	-
3	Gain	30dB typ.	-
4	Gain Flatness	± 2.5dB typ.	-
5	Input Power	17dBm	-
6	Input Return Loss	14dB	-
7	Harmonics	15dBc	-
8	Spurious Signal	-60dBc	-
9	Operating Voltage	32V	-
10	Current Consumption	7A Max.	-

Mechanical Specification

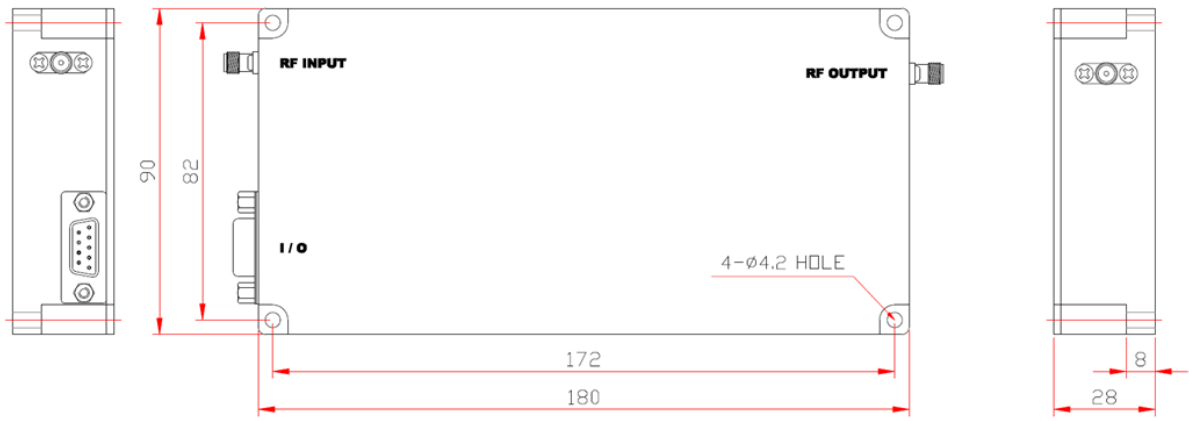
No.	Parameter	Specification	Unit
1	Dimension	180*90*28	-
2	RF Input Connector	SMA Female	-
3	RF Output Connector	SMA Female	-
4	DC/Interface Connector	D-sub 9Pin Male	-
5	Operating Temperature	-20~+60°C	-
6	Storage Temperature	-40~+90°C	-
7	Relative Humidity(Non-condensing)	5~95%	-

Pin Description

(DC/Interface)

Pin No.	Description	Specifications
1	Current Monitor	2.0V@5A, 0.4V/A
2	Temperature Monitor	$V_o = (10\text{mV}/^\circ\text{C} \times \text{Temp}) + 500\text{mV}$
3	Enable/Disable	Enable: TTL "Low", Disable: TTL "High"
4,5,6	VDD	+32VDC
7,8,9	GND	Ground

■ Mechanical Dimension [Unit: mm]



E ▶ RF
SOLUTION