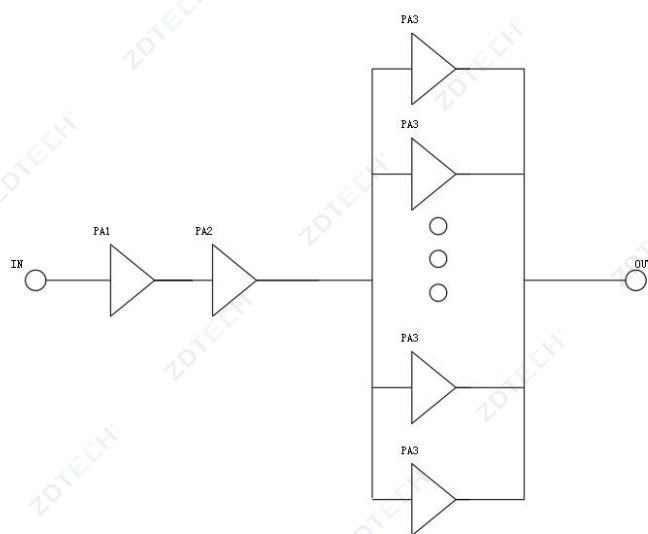


6-18G SSPA-300W

1 FEATURES

- ✓ GaN HEMT Device
- ✓ High power
- ✓ High efficiency
- ✓ CW output
- ✓ Direct current supply

2 Schematic diagram



3 SPECIFICATIONS

6-18G GaN CW High Power Amplifier

Raw	Parameter	Value	unit	Comments
1	Frequency range	6G-18G	GHz	
2	Output Power	55	dBm	
3	Working Mode	CW		
4	DC Connector	D-SUB 8W8		
5	Control Connector	DB9		
6	Input Power	0±1	dBm	
9	Input VSWR	1.5:1	-	
10	Output Connector	WRD500D36	-	
11	Input Connector	SMA-50K		
12	Temp Range	-25~+55℃	degree	
13	Supply	+28	V	

The product needs to be installed on a cold plate for contact heat dissipation.

Connector definition

8W8:

A1	A2	A3	A4	A5	A6	A7	A8
+28V	+28V	+28V	+28V	GND	GND	GND	GND

DB9:

1	2	3	4	5	6	7	8	9
NC	NC	NC	NC	NC	NC	GND	Enable	Bit

Enable: TTL, Turn on at high level

Bit: Normal operation at high level

4 OUTLINE

