

# Skylink Microwave

1~50MHz, 50W, SSPA

## ELECTRICAL SPECIFICATIONS

- Instantaneous ultra broadband
- Small and light weight
- High reliability and ruggedness



## ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	1		50	MHz
Gain	50			dB
Gain Flatness			±2.5	dB
Pout	47			dBm
P1dB	45			dBm
Pin			0	dBm
VSWR			2:1	-
Harmonic@P1dB=30W			-20	dBc
Spurious			-60	dBc
Power Supply		28		VDC
Power Consumption			250	W

## ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-10		+40	°C
Storage Temp.	-55		+70	°C

## MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimension	205×91.7×42	mm
Weight	0.87	kg
RF Connectors	SMA-50F	-
Control Interface	DB-15	-
Cooling	Air cooling	-

**1~50MHz, 50W, Solid State Power Amplifier**
**PROTECTION/RUGGEDNESS**

- Over temperature
- Over voltage
- Over current
- Over VSWR

**CONTROL CONNECTOR**

Pin#	Description
1~4	+28V
5	EN
6~9	N/C
10	Vt
11	N/C
12~15	GND

**OUTLINE DRAWING**
