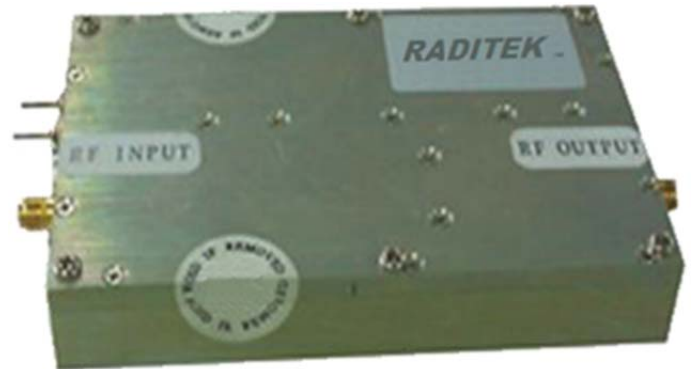


Solid State Power Amplifier, Ultra Broadband 6-18GHz, 44 & 47dB Gain, N-Female Connectors, 25-50 Watts

Features:

- 6GHz~18GHz ultra-broadband
- High efficiency
- High reliability and ruggedness
- Good linearity, Low distortion
- Applications: Test & Measurement, Broadcasting, Communication, etc



Our 6-18 GHz amplifier is a completely solid state microwave power amplifier module which features high efficiency, high output power and wide dynamic range. It uses advanced microwave device technology and provides high reliability and ruggedness product for our customer.

Using Coaxial Space Power Combining Technology at 25W and 50W provide full frequency range (6-18GHz) and full temperature range(-50 to +85 °C).

Order Examples: RAMP-6-18-43d-24v-Nf-25W-w20

Description: (Solid State Power Amplifier, 6-18 GHz, 43 dB Gain, 24 Volts, N-Female Connectors, 25 Watts)

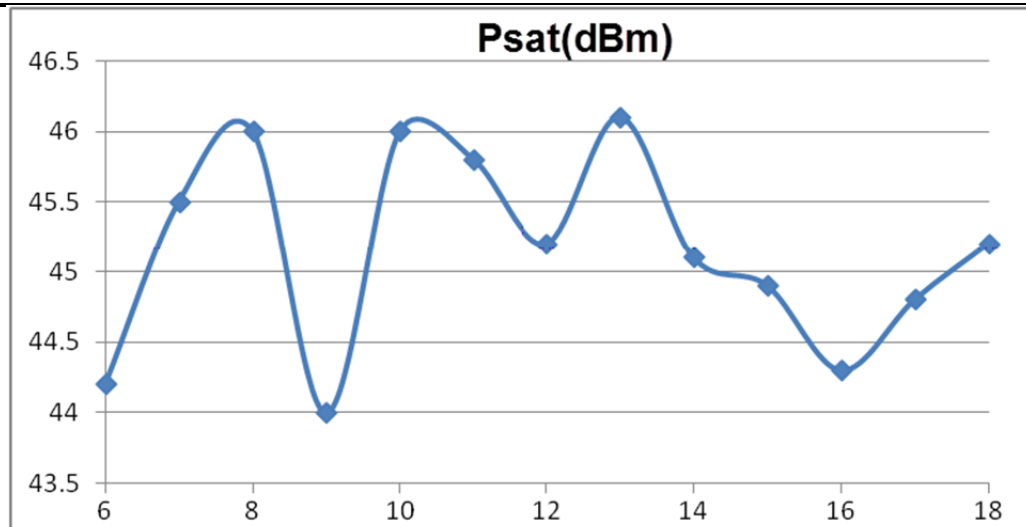
Optional Model: **47d** **50W**

Specifications	25W	50W	
Frequency Response	6-18		GHz
Power Gain (nominal)	43	47	dB
Gain Flatness	5	1.5	+/-dB
Saturated Output Power	+44	+47.5	dBm (nominal)
Efficiency@ Sat Output Power	20	20	%
Input VSWR	2 : 1		(max)
Output VSWR	2 : 1		(nominal)
Harmonic Distortion	-15		dBc
Spurious Signals	-60		dBc
Voltage	+24		VDC
Input for Rated Output Power		0	dBm
Current	6	14	Amps
Output Power	25	50	Watts
Operating Temperature	-40 to 70		°C
Non-Operating Temperature	-40 to 85		°C

Solid State Power Amplifier, Ultra Broadband 6-18GHz, 44 & 47dB Gain, N-Female Connectors, 25-50 Watts

Specifications	25W	50W	
Model	25	50	Watts
Dimensions W x H x D	90 x 90 x 230		mm
Weight	3		Kg
RF Input & Output	IN: SMA(F), OUT N(F)		
Customization Options:			
Module Integration			
Gain			
Output Power			
Dimensions			
Interface			

25Watts



50Watts

