



Solid State Power Amplifier, Module 
 Ku-band (13.75-14.5GHz), 25and 40 Watt Power



Order Examples: RSSPA-M-Ku(13.75-14.5)-SMAf-25W-w17

Description: (Solid State Power Amplifier, Module, Ku-Band (13.75-14.5GHz), SMA Female RF In/Out Connectors, 25 Watts)

Additional Option: **40Watts**

Specifications				Units
Frequency Range	13.75-14.5	13.75-14.5		GHz
Output Power (Psat)	25	40		Watts
Gain	44±1dB	46±1dB		dB
Gain Flatness	±1.5	±1.5		dB
Gain Variation	±2	±2		dB
VSWR (In/Out)	2.5:1	2.5:1		
Efficient	15	15		%
DC Input Power	+28	+28		VDC
Mechanical & Environmental				
Nominal Dimensions	150 x200 x 25	170 x200 x 25		mm
Weight	1.8	1.8		Kg
Operating Temperature	-40 ~+50	-40 ~+50		°C
Connectors	Control	D-Sub (Micro miniature)	D-Sub (Micro miniature)	
	RF In/Out	SMA (f)	SMA(f)	
	DC In	Circular(EMI Filtered)	Circular(EMI Filtered)	
Control	RF Power Monitor			
	Temperature			
	Enable/Disable			