



Feature

- Broadband CW Solid State Power Amplifier
- Bandwidth: 26.5GHz-40GHz, 50W watts continuous wave output power
- Comprehensive detection protection functions
- Communication Interface: LAN, GPIB

Detection and Protection Functions

- Output Power Detection
- Reflected Power Detection
- Temperature Detection
- Over Temperature Protection
- High Power Reflection Protection
- High Power Input Protection



P/N: AMT-SSPA-2654000-50

Technique Specifications

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	BW	26.5	/	40	GHz
Output Power	Pout	50	/	/	W
Gain Flatness@50W	GF	/	/	± 4	dB
Power Gain	Gp	47	/	/	dB
Gain Adjustment	ADJ	20	/	/	dB
Input Power@50W	Pin	/	/	0	dBm
Input VSWR	VSWR	/	/	2.0	-
Harmonics@50W	H	/	/	-30	dBc
Spurious	Spur	/	/	-60	dBc
Supply Voltage(AC)	U	198	220	242	V
Power Consumption	Pd	/	/	1200	W
Cooling	Forced Air With Integral Blower				
Ambient Temperature	Tc	0	/	40	°C
Storage Temperature	Tstg	-40	/	+70	°C

Parameter	Specification	Unit	Remarks
Dimensions	19", 4HU	/	Customizable per user specifications
Weight	30 Max.	Kgs	
Input RF Connector	2.92-female	/	
Output RF Connector	WR28	/	
RF Coupling Connector	2.92-female	/	
Remote Control Interface	LAN, GPIB	/	