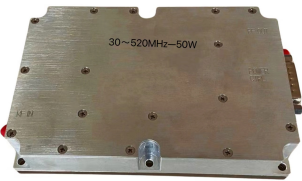




AMT-SPA-00352-50

1. Technique Specifications

	Parameter	Value
	Frequency range	30-520 MHz
	Output power Saturation	47±1dBm
	Output power in State of Stand by	-110 dBm
	Power adjusting Range	0.25dB
	Gain control dynamic range	31 dB
	Input power level	0 dBm
	Input return loss	-16 dB
	Accuracy of power measurement	±1.2 dB
	Harmonics @ 50W	In band: -9 dBc Out band: -15dBc
	Spurious	50 dBc
	Operating voltage	+28 VDC
	Efficiency	40% Typ. (32% Min.)
	Input and output RF Impedance	50 Ω

2. Mechanical Specification

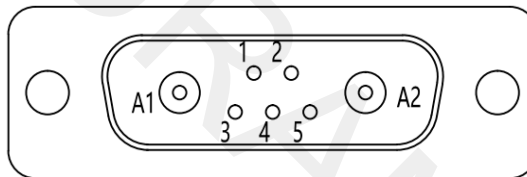
Parameter	Value
Dimension (W×D×H)	150×100×30mm (in Impact Case)
Weight	1 Kg maximum
RF connector input	Type-SMA, female
RF connector output	Type-SMA, female
Data & Power Connector	In one Connector (7W2)

3. Protections

Row	Parameter	Specification
1	Input overdrive	Diode limiter protection 1dB compression +10dBm
2	VSWR	$5 \leq \text{VSWR}$ Module Will be Shutdown and send alarm via RS422
3	Temperature	$85^{\circ}\text{C} < T$ Module Will be Shutdown and send alarm via RS422
4	Input voltage	Shutdown: Reverse power supply
5	Short and open of RF Output	Shutdown
6	Operating current	Current more than 7A will be shutdown and send alarm via RS422

4. IO Definition

Connector of power supply and control, 7W2 (DA-7PZ-2dZ)



PIN	FUNCTION	SIGNAL
A1	Power Supply	+28V
A2	GND	GND
1	RS422	RS422-TX+
2	RS422	RS422-TX-
3	RS422	RS422-RX+
4	RS422	RS422-RX-
5	GND	GND



5.Outline(mm)

