

## 50W Module Technical Datasheet

## RF DATA

ITEM		SPECIFICATIONS	REMARKS
Frequency Range		2304-2485 MHz	Bandwidth Range $\pm 10$ MHz
Working Voltage		28V	24-30V
Analog Sweeping speed		120K (default)	50 KHz-300K customizable
Output Power (Max)		$\geq 47$ dBm	50W
Gain (Max)		$47 \pm 1$ dB	
Ripple in Band		$\leq 3$ dB	Peak
Bandwidth Adjustment		Yes	By screw
Center Adjustment		Yes	By screw
Enable Control		Customize	24-28V
Output VSWR		$\leq 1.5$	
High Low Temperature Test	Working Temperature	$-20 \sim +65^{\circ}\text{C}$	Working properly
	Gain Stability	$\pm 1$ dB	At $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
	Power Stability	$\pm 1$ dB	At $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
Working Current		$\leq 3\text{A}$ @+28V dc;	CW output 50W
Power Supply Port		Positive and negative lines	24-28V; GND
RF Output Connector		SMA-Female	
LED Indicator Light		Power ON/OFF	
Dimension		117*58*18 mm	
Installation Dimension		112*53*18 mm	
Screw Size		4- $\varnothing 3.20$ mm	
Weight		240g	

