

100W Module Technical Datasheet

RF DATA

ITEM		SPECIFICATIONS	REMARKS
Frequency Range		2304-2485 MHz	Bandwidth Range ± 10 MHz
Working Voltage		28V	24-30V
Analog Sweeping speed		120K (default)	50 KHz-300K customizable
Output Power (Max)		≥ 50 dBm	100W
Gain (Max)		50 ± 1 dB	
Ripple in Band		≤ 3 dB	Peak
Bandwidth Adjustment		Yes	By screw
Center Adjustment		Yes	By screw
Enable Control		Customize	24-28V
Output VSWR		≤ 1.5	
High Low Temperature Test	Working Temperature	$-20 \sim +65^{\circ}\text{C}$	Working properly
	Gain Stability	± 1 dB	At $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
	Power Stability	± 1 dB	At $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
Working Current		$\leq 8.5\text{A}$ @+28V dc;	CW output 100W
Power Supply Port		Positive and negative lines	24-28V; GND
RF Output Connector		SMA-Female	
LED Indicator Light		Power ON/OFF	
Dimension		150*80*23 mm	
Installation Dimension		144*74*23 mm	
Screw Size		4- $\varnothing 3.20$ mm	
Weight		590g	

