

COFDM Power Amplifier PA5W-1400

- Specification

Test items		Technical Indicators	Remarks
amplifier	Frequency range (MHz)	1400 ± 50	
	SPAN (MHz)	8	
	Output power (W)	≥ 5	
	P_{1dB} Output power (W)	25	
	Gain (dB)	37 ± 1.0	
	Pass Band Ripple	$\leq 3.0 \text{ dB}_{p-p}$	
	Input power (dBm)	-10 ± 1.0	
	ACPR (dBc)	$\leq -35 @ 8M @ 5W$	
Power supply voltage		+12V~+17V Vdc	
Group Delay		<1us	
Working current		$\leq 2.5 \text{ A}$	
Temperature range		$-20 \sim +70^{\circ}\text{C}$	
Radio frequency joint		SMA-50KFD	
Module size (mm)		$94 * 58 * 14 \text{ mm}^3$	without connectors
Module weight		135g	
Impedance		50 ohm	

Installation hole diameter size:

4 installation holes are left with 4*3.5mm through holes for installation.

