

Module name:	2W-TDD power amplifier module	Module model:	TDDPA2W-1440
Main features:			

RF indicators

Test items	index	Remark
Frequency range(MHz)	1440±20	According to customer requirements
Output power(W)	≥2	No ALC control
TX gain(dB)	16±1.0	Gain determined according to customer requirements
In-band fluctuations	≤1dB	(peak to peak)
Input level(dBm)	+17±1.0	
Belt to shoulder ratio (dBc)	≤-30	
RX gain(dB)	10	
RX noise figure (dB)	≤2.5	
RF switching level	+1.8V~+5V	High pay, low pay
RF switching time (us)	≤1	
Isolation	50dB	
Power supply requirements	+12V Vdc	
RX working current	≤0.1A	
TX working current	≤1.5A	
Working temperature	-20~+70°C	
Interface Type	SMA-50KFD	
Module volume (mm)	55.5*40*14mm ³	Does not include connectors

- **Appearance and installation instructions**

1. Overall dimensions: 55.5*40*14mm³ (excluding socket)
2. Interface form:
 - ①Power supply conditions: +12V power supply: core capacitor
 - ②RF input interface: SMA-50KFD
RF output interface: SMA-50KFD
Control port: SMA-50KFD
3. Mounting hole diameter: 4 Φ3.5 through holes are left at the 4 mounting holes for installation.

