

EP-SIG-0819

850MHz/1900MHz Dual-band

Key Features

- Dual band for 850MHz/1900MHz antenna-sharing systems
- Higher, lower requirement for input signals
- High linear PA
- Gain is adjustable, which enables more flexible applications
- LED indicator for convenient observing equipment operation status
- ALC function to stable coverage effect
- Low power consumption, low interference



Specifications

ELECTRICAL

Frequency	UL:824-849MHz & 1850-1910MHz DL:869-894MHz & 1930-1990MHz		
Output Power	DL:20±2dBm UL:15±2dBm		
Gain	DL: 70±2dB UL: 65±2dB		
Gain Adjust Range	≥30dB; 1dB/step		
AGC Range	≥20dB		
Noise Figure	≤8dB		
Ripple in Band	800MHz≤8dB; 1900MHz≤10dB		
Time Delay	≤1.5μs		
Intermodulation	9-1GHz	UL≤-36dBm@ 3KHz	DL≤-20dBm@ 3KHz
	1-12.75GHz	UL≤-30dBm@ 3KHz	DL≤-20dBm@ 3KHz
Spurious Emission	9-1GHz	≤-36dBm@ 3KHz	
	1-12.75GHz	≤-30dBm@ 3KHz	
VSWR	≤2.0		
Port Impedance	50Ω		

POWER, MECHANICAL & ENVIRONMENTAL

Weight	<2.5 kg
Dimension	250×145×53 mm
Installation Mode	Wall installation (Normal)
RF Connection	N Female
Power Consumption	<25 W (24dBm & 27dBm < 35W)
Power Supply	AC90—240V/DC 12V/3A
Temperature	-10~+50℃
Chassis	IP40 Metal