

Technical Specifications

SPECIFICATIONS		Specification
Frequency Range (Customers to Choose)	Uplink	1850-1910mhz
	Downlink	1930-1990mhz
Frequency Bandwidth (3dB Bandwidth)		60mhz
Gain		≥ 65dB
Automatic gain control (Step Attenuation)		31dB @ 1dB/ Step
Auto Gain Control		20dB Min.
Output Power(Customers to Choose)		$25dBm_{-1}^{+2}$
Spurious Emission		≤ -15dBm/30kHz
		9kHz~1GHz: ≤ -36dBm/30kHz
		1GHz~12.75GHz: ≤ -30dBm/30kHz
Inter-Modulation Attenuation ACPR		≤ -38dBc / 30kHz (measured under rated output power)
In-band Ripple		≤ 5dB
Voltage Standing Wave Ratio		≤ 2
I/O Impedance		50 Ω
Noise Figure		≤ 5dB
System Delay		≤ 5μs
RF Connector(Customers to Choose)		N-Type (Female)
Operating Temperature		Operation: - 10°C ~ + 55°C / Storage: -20°C ~ +60°C
Power Supply		AC 110~220V±20%, 50/60Hz(AC 220V/ DC9V/9A power adapter)
Alarm Monitoring System		Alarm for uplink self-oscillation
Indication LED		Power supply, <u>Run Alarm</u>