

# Technical Specifications

SPECIFICATIONS		Specification
Frequency Range (Customers to Choose)	Uplink	1920-1980MHz
	Downlink	2110-2170MHz
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)		17 ~ 23dBm <sub>-1</sub> <sup>+2</sup>
Spurious Emission		≤ -15dBm/30kHz
		9kHz~1GHz: ≤ -36dBm/30kHz
		1GHz~12.75GHz: ≤ -30dBm/30kHz
Inter-Modulation Attenuation	ACPR	≤ -40dBc / 30kHz (measured under rated output power)
In-band Ripple		≤ 3dB
VSWR		≤ 2
I/O Impedance		50 Ω
Noise Figure		≤ 5dB
System Delay		≤ 5μs
RF Connector(Customers to Choose)		SMA (Female)
Operating Temperature		Operation: - 10°C ~ + 55°C / Storage: -20°C ~ +60°C
Power Supply		AC 220V±20%, 50/60Hz ( AC 220V/ DC9V/9A power adapter )
Alarm Monitoring System		Alarm for uplink self-oscillation
Indication LED		Power supply,