

Technical Specifications

SPECIFICATIONS		Specification
Frequency Range (Customers to Choose)	Uplink	1710-1785MHz
	Downlink	1805-1880MHz
Frequency Bandwidth (3dB Bandwidth)		60MHz
Gain		$\geq 70\text{dB}$
Automatic gain control (Step Attenuation)		31dB @ 1dB/ Step
Auto Gain Control		20dB Min.
Output Power(Customers to Choose)		$17 \sim 25\text{dBm}_{-1}^{+2}$
Spurious Emission		$\leq -15\text{dBm}/30\text{kHz}$
		9kHz~1GHz: $\leq -36\text{dBm}/30\text{kHz}$
		1GHz~12.75GHz: $\leq -30\text{dBm}/30\text{kHz}$
Inter-Modulation Attenuation	ACPR	$\leq -40\text{dBc} / 30\text{kHz}$ (measured under rated output power)
In-band Ripple		$\leq 3\text{dB}$
VSWR		≤ 2
I/O Impedance		50 Ω
Noise Figure		$\leq 5\text{dB}$
System Delay		$\leq 5\mu\text{s}$
RF Connector(Customers to Choose)		SMA (Female)
Operating Temperature		Operation: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$ / Storage: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Power Supply		AC 220V $\pm 20\%$, 50/60Hz (AC 220V/ DC9V/9A power adapter)
Alarm Monitoring System		Alarm for uplink self-oscillation
Indication LED		Power supply,