

Technical Specifications

SPECIFICATIONS		Specification
Frequency Range (Customers to Choose)	Uplink	1710-1785MHz&1920-1980MHz
	Downlink	1805-1880MHz&2110-2170MHz
Frequency Bandwidth (3dB Bandwidth)		75MHz&60MHz
Gain		≥ 70dB
Automatic gain control (Step Attenuation)		31dB @ 1dB/ Step
Auto Gain Control		20dB Min.
Output Power(Customers to Choose)		$17 \sim 23dBm_{-1}^{+2}$
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 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>