

Technical Description

Number	Description		Technical requirements	
			Uplink	Downlink
1	Working frequency(MHz)		698~716/776~787/824~849/1850~1915/1710~1755	728~757/869~894/1930~1995/2110~2155
2	output power		20±3dBm	-10±5dBm
3	gain		49+1-5dB	49+1-5dB
4	Noise factor		≤9dB≤9dB/≤7dB/≤6dB/≤6dB	≤10dB/≤7dB/≤6dB/≤5dB
5	volatility		≤8dB/≤6dB/≤6dB/≤10dB/≤5dB	≤8dB/≤5dB/≤10dB/≤5dB
6	alarm		Band corresponding LED will flash	
7	Standing wave ratio		≤2.0	
8	Spurious emission	out-of-band	9kHz~1GHz ≤ -36dBm/100KHz	
			1GHz~12.75GHz ≤ -30dBm/1MHz	
		in-band	≥-19dBm/100KHz	
9	Port impedance		50 Ω	
10	Working temperature range		-20℃ ~ 50℃	
11	Power consumption		MAX≤13W	
12	Working voltage		DC+5~12V	