

I. RMWIFI-QC Radio Specifications

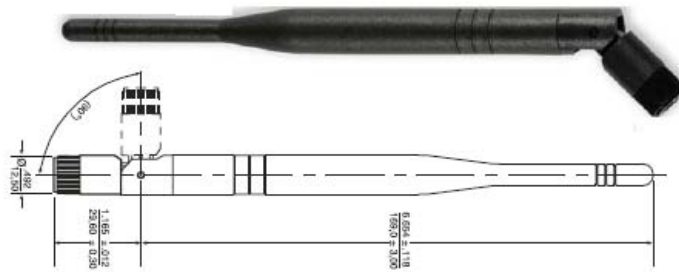
Parameters	Range	Unit	Condition
Frequency Band	2400-2483.5	MHz	
Number of Channel	11	Nos	
Transmitter Output Power	13±1 & *12±1	dBm	
Receiver Sensitivity	-81/-65	dBm	1/54Mbps
On-Air Data Rate			
Supply Voltage (Vcc)	2.7 to 3.6	V	
Current Consumption: RX mode	85	mA	
Current Consumption: TX mode	30	mA	
Size	26×46×4.2	Mm	
Operation Temmperature Range	-40 to +85	°C	
Operation Relative Humidity Range	No more than 80%		

*for Channel 12 and 13

II. Antenna Specifications

1. Antenna 1: Outside Antenna (W1038)

Parameters	Range	Unit	Condition
Frequency Band	2.4-2.5	GHz	
Bandwidth (typ.)		MHz	
Peak Gain (typ.)	4.9	dBi	
VSWR	2.0 (max)		
Polarization	Vertical		
Pattern	Omni-directional		
Impedance	50	Ω	
Dimensions	7.81/19.8	Inch/cm	Length
Connector	Reverse SMA(Male)		
RoHS	Yes		



2. Antenna 2: PCB Antenna

Parameters	Range	Unit	Condition
Frequency Band	2.4-2.5	GHz	
Bandwidth (typ.)		MHz	
Peak Gain (typ.)	0.	dBi	
VSWR	2.0 (max)		
Polarization	Vertical		
Pattern	Monopole		
Impedance	50	Ω	
Dimensions	38x10	mm	LxW
Connector	MMCX		
RoHS	Yes		

