

HT-JT-Y-007 WiFi Antenna

600-2700 (MHz) 5dB black/white glue rod antenna +SMA

male head female needle



<https://heltec.org>

1. Product Overview:





2. Specifications:

Main technical specifications			
Frequency range (MHZ)	600-2700mhz	Frequency Range (MHZ)	600-2700mhz
The characteristic impedance(Ω)	50	Impedance(Ω)	50
Gain(dBi)	3	Gain(dBi)	3
The output voltage Standing wave ratio	≤ 1.5	VSWR	≤ 1.5
Polarization mode	Vertical	Polarization	Vertical
Power Capacity (w)	50	Power Capacity (w)	50
Physical Properties			
Size(cm)	19	Antenna size(cm)	19
The Connection method	SMA	Connector Type	SMA
Temperature	-40°C~+60°C	Working Temp	-40°C~+60°C
Radiator	Cuprum	Radiator	Cuprum
Radome Color	White/black	Radome Color	White/black
Weight (g)	200	Weight (g)	200
Supply Voltage	DC 3.3-5.0V	Supply Voltage	DC 3.3-5.0V

3. Test report:

4. Common issues:

- The antenna frequency must match the frequency of the wireless device, otherwise the communication effect is not good;
- The lower the communication frequency, the longer the wavelength, the better the diffraction performance.
- When there is a linear communication obstacle, the communication distance will be attenuated accordingly.
- Note the antenna radiation direction. Incorrect antenna installation direction may result in a short transmission distance.
- Sea water has a strong ability to absorb radio waves, so the seaside test results are not good;

