

HT-PCF-X-0351 WiFi Antenna

**2.4G 5.8G dual-band built-in FPC antenna Bluetooth speaker
built-in antenna wifi module omnidirectional antenna**



1. Product Overview:



2. Specifications:

Main technical specifications			
Frequency range (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
The characteristic impedance(Ω)	50	Impedance(Ω)	50
Gain(dBi)	5	Gain(dBi)	5
The output voltage Standing wave ratio	≤ 1.5	VSWR	≤ 1.5
Polarization mode		Polarization	
Power Capacity (w)		Power Capacity (w)	
Bandwidth (MHz)		Bandwidth (MHz)	
Physical Properties			
Antenna Length (mm)	\varnothing mm	Antenna Length (mm)	\varnothing mm
The Connection method	IPEX	Connector Type	IPEX
Working Temp($^{\circ}$ C)		Working Temp	
Radiator	Cuprum	Radiator	Cuprum
Radome Color	Black	Radome Color	Black
Weight (g)		Weight (g)	

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;

