

# Specification for antenna 124.0000.365

**Part name:** External antenna

**Part No:** 124.0000365

**Data:** 2020.08.18

## 1.Part Appearance



## 2.Part Specification

A. Electrical Properties	
Frequency Range	2.4GHz-2.5GHz
Impedance	50Ω Nominal
VSWR	2.0 Max
Gain (Peak)	5dBi
Out of roundness	3.0dB (max)
Radiation directional type	Omni
Polarization	Linear vertical
B. Physical Properties	
Connector type	SMA
Length	178mm ± 3mm
Cable	RG-178 cable
Antenna Radiator	PCB FR-4
Antenna Plastic	Body:ABS Hinge:PC Holder:PC+PBT
C. Environmental	
Storage Temperature	-40°C-+85°C
Operating Temperature	-10°C-+60°C
Storage Humidity	5%-95%
Working Humidity	5%-95%

### 3. Test Result

Frequency	2.4GHz	2.41GHz	2.42GHz	2.43GHz	2.44GHz	2.45GHz	2.46GHz	2.47GHz	2.48GHz	2.49GHz	2.5GHz
Efficiency (%)	70.96	75.34	77.09	73.62	71.45	73.28	73.79	73.79	71.61	73.45	74.13
Gain (dBi)	4.27	5	4.94	4.66	4.93	4.68	4.41	4.21	4.1	4.25	4.27

### 4. Radiation Pattern

