

Specification for antenna 124.0000.363

Part name: External antenna

Part No: 124.0000363

Data: 2020.08.18

1.Part Appearance



2. Part Specification

| A. Electrical Properties | |
|----------------------------|---------------------------------------|
| Frequency Range | 2.4-2.5G |
| 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 |
| 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% |
| Length | 196 ± 3mm |

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 (%) | 75.86 | 78.89 | 80.17 | 82.22 | 78.89 | 77.09 | 78.16 | 76.21 | 72.28 | 72.44 | 72.78 |
| Gain (dBi) | 5 | 4.79 | 4.22 | 4.83 | 4.73 | 4.23 | 4.25 | 4.76 | 4.35 | 4.25 | 4.12 |

4. Radiation Pattern

