

### Datasheet

## 2.4-2.5GHz

Chip antenna

### Features:

High performing Wi-Fi & Bluetooth antenna with SMT mounting on PCB.

### Applications:

- CPE - Router, Set-top boxes & Gateway
- IoT devices
- Wi-Fi & Bluetooth Mesh
- Smart Metering
- Robotics



2 × 1.2 × 0.6 mm

**Chip Antenna**



## Electrical Specifications

### Antenna Characteristics

| Antenna Type | Radiation Pattern | Polarization | Max. Input Power | Impedance |
|--------------|-------------------|--------------|------------------|-----------|
| Chip Antenna | Omni              | Linear       | 2W               | 50Ω       |

|                                    |            |
|------------------------------------|------------|
| Frequency (GHz)                    | 2.4~2.5    |
| Return Loss (dB)@ Center Frequency | < -10 Typ. |
| Peak Gain (dBi)                    | 3.3        |
| Average Gain (dB)                  | -3.1       |
| Efficiency (%)                     | 49         |