

# AIW-510

## WiFi Dual-band 2.4/5GHz Dipole Antenna, compatible for WiFi5/6



### Features

- 2.4/5GHz operation
- Dipole antenna with omni-directional radiation pattern
- Compatible for WiFi5/6
- 90°/135°/180° Hinged RP-SMA-Male connector
- Operating Temperature: -40~85°C

### Specifications

Frequency	2400 – 2500 MHz, 5150 – 5850 MHz
V.S.WR	≤ 2.0 @2400 – 2500 MHz ≤ 2.5 @5150 – 5850 MHz
Peak Gain	2.06dBi @2400 – 2500 MHz 4.89dBi @5150 – 5850 MHz
Efficiency	53~62% @2400 – 2500 MHz 49~68% @5150 – 5850 MHz
Polarization	Linear
Radiation Pattern	Omni-direction
Impedance	50 ohm
Antenna type	Dipole
Antenna Dimension/Connector Diameter	109 x Φ10 mm/Φ10 mm
Connector Type	RP-SMA male
Operation Temperature	-40~85°C
Power Handling	2W

### Ordering Information

Part No.	Specifications
1750008717-01	Wi-Fi Dual-band 2.4/5GHz Dipole Antenna, SMA/M-R, BLK, L109mm

### Suggested Cable

Part No.	Specification
1751000648-01	WiFi Coaxial Cable, 10cm, RP-SMA female to IPEX4
1751000622-01	WiFi Coaxial Cable, 15cm, RP-SMA female to IPEX4
1751000635-01	WiFi Coaxial Cable, 20cm, RP-SMA female to IPEX4
1751000621-01	WiFi Coaxial Cable, 25cm, RP-SMA female to IPEX4
1751000620-01	WiFi Coaxial Cable, 30cm, RP-SMA female to IPEX4
1751000647-01	WiFi Coaxial Cable, 10cm, RP-SMA female to IPEX1
1751000627-01	WiFi Coaxial Cable, 15cm, RP-SMA female to IPEX1
1751000634-01	WiFi Coaxial Cable, 20cm, RP-SMA female to IPEX1
1751000626-01	WiFi Coaxial Cable, 25cm, RP-SMA female to IPEX1
1751000588-01	WiFi Coaxial Cable, 30cm, RP-SMA female to IPEX1