

AIW-515

2-in-1 Wi-Fi Tri-band MIMO antenna , covering 2.4/5/6GHz bands, support Wi-Fi 6E/7



Features

- 2.4/5/6 GHz operation
- 2-in-1 Wi-Fi MIMO antenna
- PIFA antenna with omni-directional radiation pattern
- Support latest Wi-Fi 6E/7
- RP-SMA male connector
- IP67-rated
- Magnetic mounting

Specifications

Frequency	2400 – 2500 MHz, 5150 – 5850 MHz, 5925 – 7125 MHz
V.S.W.R	≤ 2.0 @ 2400 – 2500 MHz ≤ 2.0 @ 5150 – 5850 MHz ≤ 2.0 @ 5925 – 7125 MHz
Peak Gain	ANT0: 1.56 dBi @ 2400 – 2500 MHz 2.36 dBi @ 5150 – 5850 MHz 1.89 dBi @ 5925 – 7125 MHz ANT1: 1.58 dBi @ 2400 – 2500 MHz 3.02 dBi @ 5150 – 5850 MHz 2.87 dBi @ 5925 – 7125 MHz
Efficiency	ANT0: 52.5 - 58.4% @ 2400 – 2500 MHz 36.4 - 42.8% @ 5150 – 5850 MHz 29.1 - 33.7% @ 5925 – 7125 MHz ANT1: 52.6 - 57% @ 2400 – 2500 MHz 34.6 - 43.3% @ 5150 – 5850 MHz 28.5 - 33.7% @ 5925 – 7125 MHz
Polarization	Linear
Radiation Pattern	Omni-direction
Impedance	50 ohm
PIFA	Dipole
Antenna Length/Diameter	126.8 x 56.8 x 52 mm
Connector Type	RP-SMA male
Operation Temperature	-40 ~ 85 °C
Ingress Protection	IP67
Power Handling	2W
Cable Length	2M
Setup Type	Magnetic mounting

Suggested Cable

Part No.	Specifications
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