

# AIW-532

## Cellular Multi-band Dipole Antenna, Covering 600-6000 MHz, Compatible for 2/3/4/5G sub-6/GPS-L1



### Features

- 2/3/4/5G-sub6 multi-band application (600-6000MHz)
- GNSS L1 band support
- Dipole antenna with omni-directional radiation pattern
- 90°/135°/180° Hinged SMA-Male connector
- Operating Temperature: -40 ~ 85°C

### Specifications

Frequency	617 – 960MHz, 1428 – 1610 MHz 1710 – 2700MHz 3300 – 5000MHz 5150 – 5850MHz
V.S.W.R	≤ 3.0 @ 617 – 960 MHz ≤ 3.0 @ 1400 – 1710 MHz ≤ 3.5 @ 1710 – 2700 MHz ≤ 3.0 @ 3300 – 5000 MHz ≤ 4.0 @ 5150 – 5850 MHz
Peak Gain	1.78 dBi @ 617 – 960 MHz 0.95 dBi @ 1428 – 1610 MHz 3.27 dBi @ 1710 – 2700 MHz 4.29 dBi @ 3300 – 5000 MHz 4.02 dBi @ 5150 – 5850 MHz
Efficiency	24 – 52 % @ 617 – 960 MHz 28 – 50 % @ 1400 – 1710 MHz 46 – 67 % @ 1710 – 2700 MHz 40 – 63 % @ 3300 – 5000 MHz 33 – 65 % @ 5150 – 5850 MHz
Polarization	Linear
Radiation Pattern	Omni-direction
Impedance	50 ohm
Antenna type	Dipole
Antenna Dimension/Connector Diameter	167 x $\Phi$ 25 mm/ $\Phi$ 13 mm
Connector Type	SMA male
Operation Temperature	-40~85°C
Power Handling	2W

### Ordering Information

Part No.	Specifications
1750009372-01	5G-Sub6 Multi-band Dipole Ant, SMA/M, BLK, L167mm

### Suggested Cable

Part No.	Specification
1751000649-01	Coaxial Cable, 10cm, SMA female to IPEX4
1751000625-01	Coaxial Cable, 15cm, SMA female to IPEX4
1751000633-01	Coaxial Cable, 20cm, SMA female to IPEX4
1751000624-01	Coaxial Cable, 25cm, SMA female to IPEX4
1751000623-01	Coaxial Cable, 30cm, SMA female to IPEX4
1751000650-01	Coaxial Cable, 10cm, SMA female to IPEX1
1751000629-01	Coaxial Cable, 15cm, SMA female to IPEX1
1751000631-01	Coaxial Cable, 20cm, SMA female to IPEX1
1751000628-01	Coaxial Cable, 25cm, SMA female to IPEX1
1751000632-01	Coaxial Cable, 30cm, SMA female to IPEX1