

AIW-533

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 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 – 960 MHz, 1428 – 1610 MHz, 1710 – 2700 MHz, 3300 – 5000 MHz, 5150 – 5850 MHz
V.S.W.R	≤ 3.0 @ 617 – 960 MHz ≤ 3.0 @ 1450 – 1710 MHz ≤ 3.0 @ 1710 – 2700 MHz ≤ 3.0 @ 3300 – 5000 MHz ≤ 3.0 @ 5150 – 5850 MHz
Peak Gain	2 dBi @ 617 – 960 MHz 2.4 dBi @ 1428 – 1610 MHz 2.6 dBi @ 1710 – 2700 MHz 4.0 dBi @ 3300 – 5000 MHz 3.7 dBi @ 5150 – 5850 MHz
Efficiency	30 – 58 % @ 617 – 960 MHz 51 – 63 % @ 1450 – 1710 MHz 62 – 77 % @ 1710 – 2700 MHz 61 – 76 % @ 3300 – 5000 MHz 51 – 61 % @ 5150 – 5850 MHz
Polarization	Linear
Radiation Pattern	Omni-direction
Impedance	50 ohm
Antenna type	Dipole
Antenna Length/Diameter	133.5 x 19 mm / Φ10 mm
Connector Type	SMA male
Operation Temperature	-40 ~ 85 °C
Power Handling	2W

Ordering Information

Part No.	Specifications
1751000428-01	5G-Sub6 Multi-band Dipole Ant, SMA/M, BLK, L134mm

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