



# 7-in-1 Multi-band Antenna

## MODEL: AW-4C

Multi-band antenna for any telemetry applications

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The **AW-4C** is the multi-band antenna, which covers GPS/850/900/1800 /1900/2100/2400 MHz frequencies. It is specially designed for any telemetry applications, which utilize those bands. The high sensitivity of **AW-4C** will enhance the performance of your telemetry devices.

### Features:

1. Low profile structure without a whip
2. Both permanent and magnetic mountings are available
3. Covers all the mobile communication network
4. Fully waterproof

### Applications:

1. Vehicle tracking
2. Asset tracking
3. GPS Navigation
4. Telemetry Application

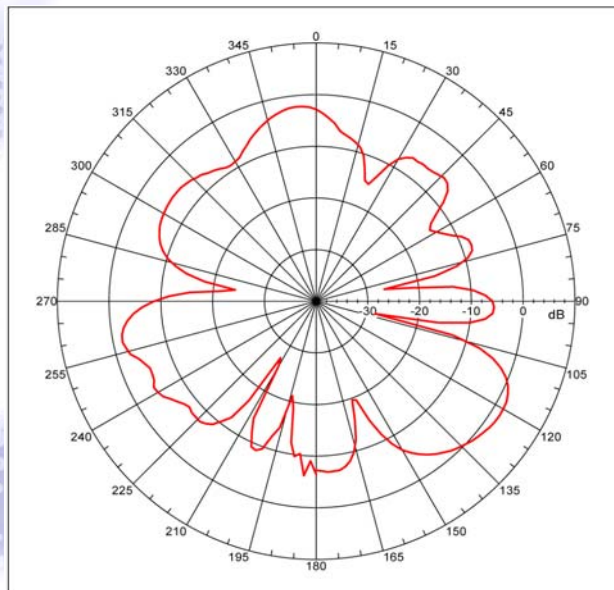
### Specification:

Category	GPS Antenna	Communication Antenna
Frequency	1.57542GHz (L1 BAND)	824 MHz ~ 894 MHz (GSM 850MHz) 890~960 MHz (GSM 900MHz) 1710~1890 MHz (DCS 1800MHz) 1850 ~ 1990 MHz (PCS 1900MHz) 2400~2483(ISM 2.4GMHz) 2.1G
Gain(Without Cable)	27dB	1.7dBi
V.S.W.R	≤ 1.8.	≤ 2.0 (with 3m cable)
Noise Figure	1.2 Max	-
Band Width	2 MHz	136MHz for frequency of 824MHz-960MHz 280MHz for frequency of 1710MHz- 1990MHz 830MHz for frequency of 2400-2483
Impedance	50 Ohm	50 Ohm
Cable/Connector	5 Meter-RG174/FME	5 Meter-RG174/SMA
Polarization	R.H.C.P	Linear
Power supply	3.0 ~ 5.5V DC	-
Power Consumption	12mA	-
Power Handling Capacity	-	10W
Dimension	63mm(Dia.) x 15.6mm(H)	
Operation Temperature	-40°C to +80°C	
Storage Temperature	-45°C +100°C	

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Far-field amplitude of AW-4C-1.5M@H-P.nsi