



7-in-1 Multi-band Antenna

MODEL: AW-4S

Multi-band antenna for any telemetry applications



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The **AW-4S** is the multi-band antenna that 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-4S** 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. IPX6 Fully waterproof
5. Wifi frequency embedded

Applications:

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



Specification:

| Category | GPS Antenna | Communication Antenna |
|-------------------------|------------------------|--|
| Frequency | 1.57542GHz (L1 BAND) | 824~894 MHz (GSM 850MHz) 890~960 MHz (GSM 900MHz) 17101890 MHz (DCS 1800MHz) 1850~1990 MHz (PCS 1900MHz) 1920~2170 MHz (WCDMA 2100MHz) 2400~2483 MHz (Wifi 2400MHz) |
| Gain | 27dB | 1.0 dBi (Peak) |
| V.S.W.R | ≤ 1.8. | ≤ 2.0 (with 5m cable) |
| Noise Figure | 2.0 Max | - |
| Band Width | 2 MHz | 136MHz for frequency of 824MHZ-960MHZ 280MHz for frequency of 1710Mhz-1990MHZ 248MHz for frequency of 1922MHZ-2170MHZ 83 MHz for frequency of 2400MHZ-2483MHZ |
| Impedance | 50 Ohm | 50 Ohm |
| Cable/Connector | 5 Meter-RG174/ SMA | 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 | -40degC to +80degC | |
| Storage Temperature | -45degC to +100degC | |

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