



5-in-1 Multi-band Antenna

Model: AU-5C/AU-5S

Multi-band antenna for any telemetry applications



AU-5C



AU-5S

The AU-5-series is the multi-band antenna, which covers GPS/850/900/1800/1900 MHz frequencies. It is specially designed for any telemetry applications, which utilize those bands. The high sensitivity of AU-5-series will enhance the performance of your telemetry devices.

Features:

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

Applications:

1. Vehicle tracking
2. Asset tracking
3. GPS Navigation

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Specifications:

Category	GPS Antenna	Communication Antenna
Frequency	1.57542GHz (L1 BAND)	824 MHz ~ 894 MHz (GSM 850MHz) 890~960 MHz (GSM 900MHz) 1710~1890 MHz (GSM 1800MHz) 1840 ~ 2000 MHz (PCS 1900MHz)
Gain (Without Cable)	27dB	850MHz= -1.0dBi 900MHz=1.0dBi 1800MHz=1.0dBi 1900MHz=0dBi
V.S.W.R	≤ 1.8.	≤ 2.0 (with 5m cable)
Noise Figure	1.2 Max	-
Band Width	2 MHz	136MHz for frequency of 824MHz-960MHz 280MHz for frequency of 1710MHz-1990MHz
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	64.5mm(D) x 19.5mm(H)	
Operation Temperature	-40degC to +80degC	
Storage Temperature	-45degC to +100degC	

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Data Updated: Aug 09, 2006

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