



5-in-1 Multi-band Antenna

MODEL: EPH-500

Multi-band antenna for any telemetry applications



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The **EPH-500** 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 **EPH-500** 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. 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)
Gain	27dB	850 MHz = 1.0 dBi 900 MHz = 1.0 dBi 1800 MHz = 1 dBi 1900 MHz = 1 dBi
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
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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