

## 7-in-1 Multi-band Antenna

### MODEL: EPH-701

Multi-band antenna for any telemetry applications



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The **EPH-701** 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 **EPH-701** 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:

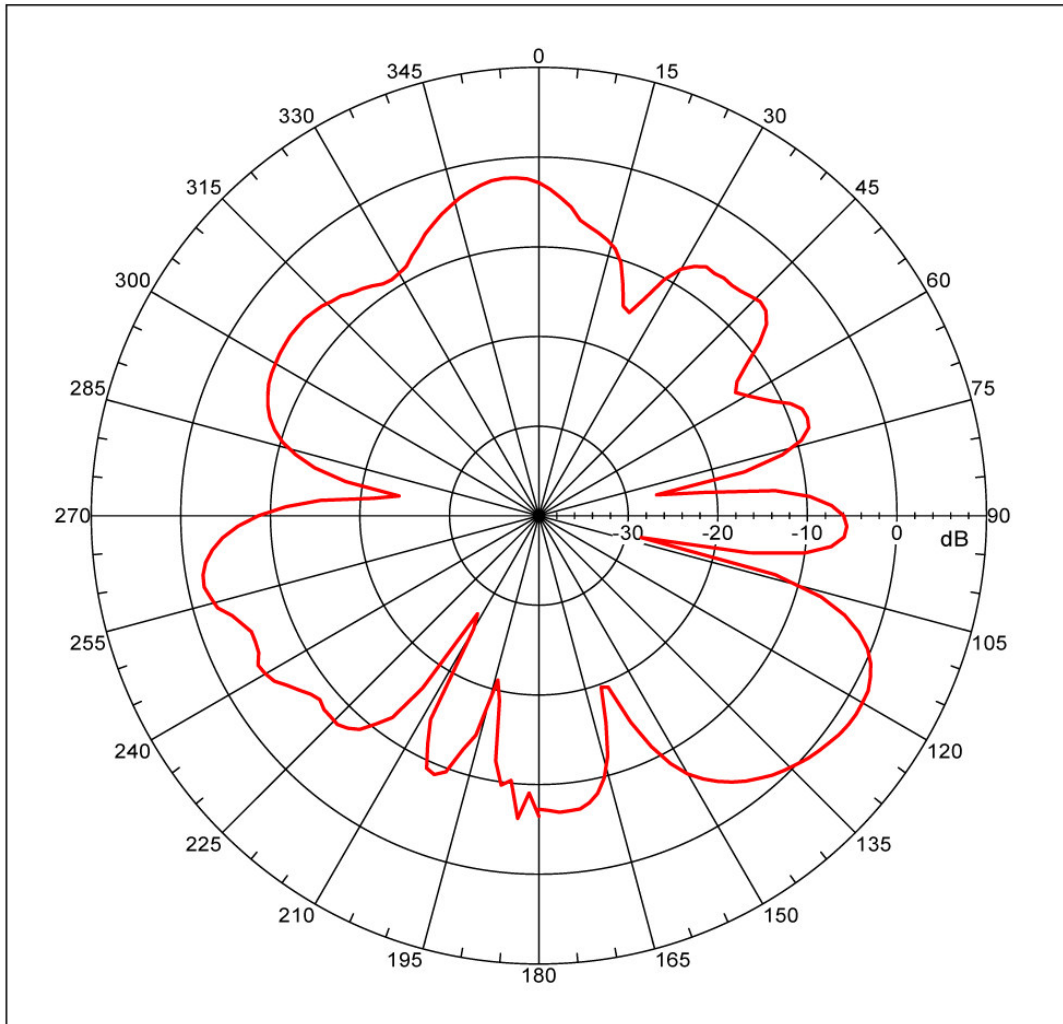
Category	GPS Antenna	Communication Antenna
Frequency	1.57542GHz (L1 BAND)	824 MHz ~ 894 MHz (GSM 850MHz) 890~960 MHz (GSM 900MHz) 1710~1890 MHz (DCS 1800MHz) 1850 ~ 1990 MHz (PCS 1900MHz) 2400~2483(ISM 2.4GMHz) 2.1G
Gain(Without Cable)	27dB	1.7dBi
V.S.W.R	≤ 1.8.	≤ 2.0 (with 3m cable)
Noise Figure	1.2 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	-40degC to +80degC	
Storage Temperature	-45degC to +100degC	

\* This specification is subject to change without prior notice

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### Far-field amplitude of EPH-701-1.5M@H-P.nsi



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