

## 6-in-1 Multi-band Antenna

### MODEL: SPK-GGSM-U4C

Multi-band antenna for any telemetry applications



The **SPK-GGSM-U4C** is the multi-band antenna, which covers GPS/850/900/1800 /1900/2100 MHz frequencies. It is specially designed for any telemetry applications, which utilize those bands. The high sensitivity of **SPK-GGSM-U4C** 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. IPX7 fully waterproof

#### Applications:

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



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# SPK ELECTRONICS CO., LTD.

## Specification:

\* This specification is subject to change without prior notice

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) 1920~2170 MHz (WCDMA 2100MHz)
Gain	27dB	1 dBi
V.S.W.R	≤ 1.8.	≤ 2.0 (with 5m cable)
Noise Figure	2.0 Max	-
Band Width	2 MHz	136MHz for 824MHz~960MHz 170MHz for 1710MHz~1990MHz 178MHz for 1922MHz~2170MHz
Impedance	50 Ohm	50 Ohm
Cable/Connector	3 Meter-RG174/ SMA	3 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 to +100°C	

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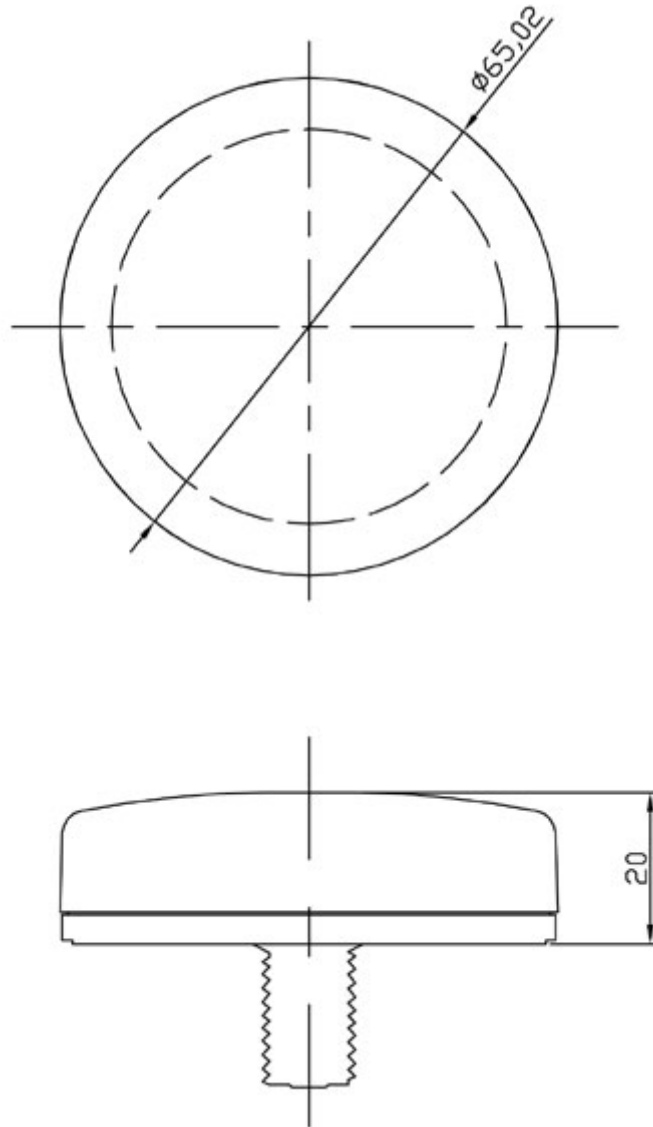
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## Application Diagram



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