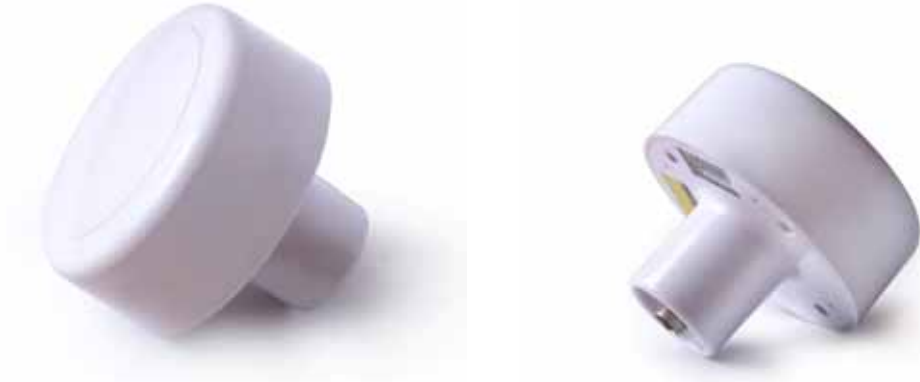


SPK ELECTRONICS CO., LTD.

GPS/ GLONASS Antenna

Model Name: SPK-GGSA008



Introduction

The model SPK-GGSA008 is a GPS/ GLONASS combined antenna. It's an active design to operate at the frequency of GPS L1 1575.42 MHz and GLONASS L1 1602 MHz. The antenna is optimized to receive right-hand-circularly-polarized signals and have LNA designed in. The antenna can also be fixed by an optional mounting base.

Specification

Antenna	
Frequency:	1575 MHz/ 1602 MHz (CF: 1590 MHz)
Bandwidth:	50 MHz min @ -10 dB
Impedance:	50 Ohm
Peak Gain:	4 dBic min/ 1575 MHz
	4 dBic min/ 1602 – 1616 MHz
Power Handling:	1 W
Polarization:	RHCP
Amplifier	
Amplifier Gain:	27 dB Typical
Noise Figure:	1.5 dB
VSWR:	2.0 Max
DC Voltage:	3-5 Volt
DC Current:	18+/- 3 mA
Environment	
Working Temperature:	-40 ~ +85



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Storage Temperature:	-50 ~ +95
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* This specification is subject to change without prior notice.



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