

GPS/BD Active Antenna Specification



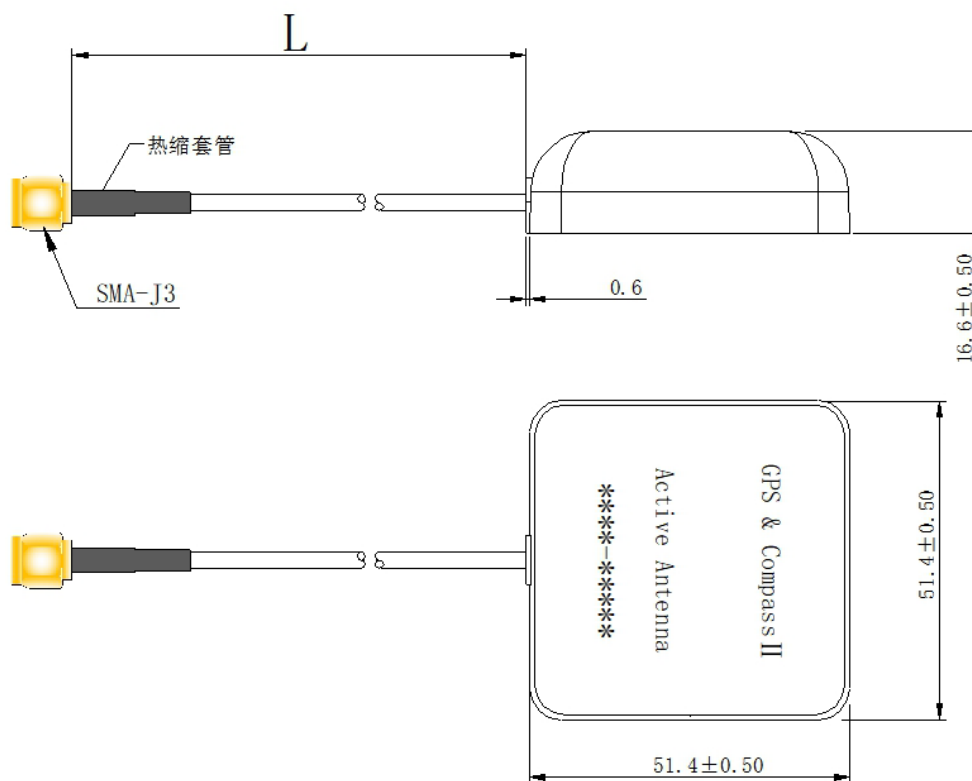
Model: DLGPS/BD-C3

Specifications

Antenna	
Ceramic antenna size	25*25*4mm
Range of Receiving Frequency	GPS: L1 BD: B1
Bandwidth	>20 MHz
Impedance	50Ω
Polarization	RHCP
V.S.W.R	≤2.0
Gain	4.5dBic Based on 70×70mm ground plane
LNA	
Frequency Range	GPS: L1 BD: B1
DC Voltage	3~5V

Gain	30±3dB
Impedance	50Ω
Output (VSWR)	≤2.0
Noise Figure	≤1.5
DC current	9±3mA (at3.3V)
Material	
Antenna	Dielectric Ceramics
PCB	FR4
Shielding	Tinplate
RF Cable	RG174
RF Connector	SMA or FAKRA or specified
Circular magnets	NdFeB
Plastic shell	ABS
Environment Condition	
Working Temp	-45°C~+85°C
Storage Temp	-45°C~+85°C
Vibration	Sine sweep 1g(0-p) 10~55~10Hz each axis
International Protection	IPX7

Size drawing



L=cable length

Packing

Each carton includes 100PCS antenna, 2 antennas are placed in one grid, the outer box size is 630 mm * 460 mm*105mm.



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Note

1. This product specification guarantees the quality of our product as a single unit. Please make sure that your product is evaluated and confirmed against your specifications when our product is mounted to your product.
2. We cannot warrant against failure caused by any use of our product that deviates from the intended use as described in this product specification.
3. The product will get free warranty for three months since the date of purchase users operate in the correct way; users will have to pay cost of the materials and maintaining fee out of the condition.
4. Electrostatic sensitive device. Observe precautions for handling.
- 5 This item is easy to be moisture. It should be used up within 24h after opening. Otherwise, the rest part needs to vacuum sealed.

