



Multi-star Multi-frequency spiral antenna

PN:GL6608

Product description

* GL6608 is a multi-star and multi-frequency active spiral antenna, designed with multi- arm spiral technology, supporting compass B2 and B3,

* L1/L2 or L1/L5 tri-band satellite navigation signal reception for GPS, GLONASS and GALILEO systems,

It can meet the needs of multi-system compatibility and high-precision measurement, and can be widely used in portable equipment, UAV and other high- precision guidance Position the occasion, accept user customization.

Technical characteristics

* Light weight,The Total weight of antenna is less than 20g,making it particularly suitable for devices with strict requirements on weight and volume such as drones,handheld

devices,and wearable devices,significantly reducing the load burden.

* Easy installation,the antenna is fed and transmits signals through a standard SMA connector,Simply connect the antenna connector,without the need for additional installation holes.



* Excellent omnidirectional radiation characteristics.the antenna adopts
fa four-arm

helical structure.compared with traditional microstrip structure
antennas,it has beeter low elevation gain and wide-angle circular
polarization characteristics,enabling it to
receive more satellite signals at low elevations.

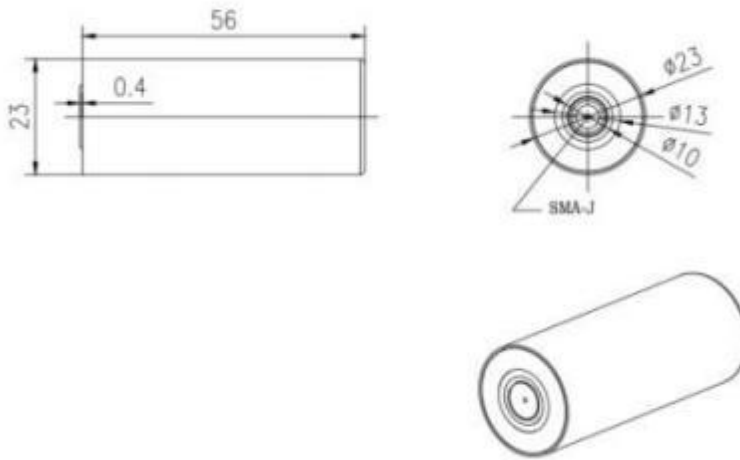
* Waterproof and dustproof.the antenna adopts a fully sealed
structure,meeting the IP67 protection standard.

Applications





Product outline and drawing





Data sheet

Passive antenna index			
Work Frequency-MHz	GPS L1/L2/L5	GLONASS G1/G2	Compass B1/B2
Peak Gain-dBi	L1≥2.0 L5≥1.0 L≥1.0	G1≥0 G2≥3	B1≥0.5 B2≥0
Polarization	RHCP		
Horizontal Coverage angle °	360		
Output Impedance	50ohms		
Output VSWR	≤2.0		
Peak axial ratio-dB	≤3.0		
Work environment			
Work temperature	-45℃~+70℃		
Storage Temperature	-55℃~+85℃		
Humidity	95% non-freezing		
Waterproof	IP67		
Mechanical character			
Antenna dimension-mm	Φ23*56		
Connector	SMA male		
Weight-g	≤20		