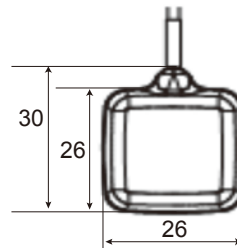


GPS Antennas

Committed to QUALITY. Committed to YOU.

Overall Performance

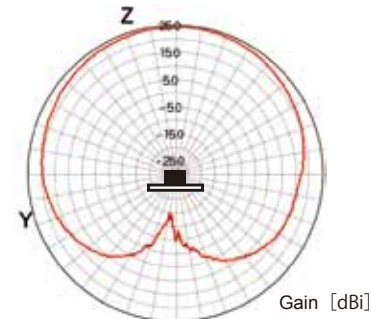
- Frequency Range 1575.42±1.023MHz
- Gain 26+/-5dBi (+25°C+/-5°C)
26+/-6dBi (+30°C+85°C)
(Mounted on a 45mm×45mm Square ground plane)
- Output Impedance 50Ω
- VSWR 2.0 Max.
- Storage Temperature - 40°C to + 100°C
- Relative Humidity 20% to 95%



LNA Performance

Gain	31.3dB	
NF	1.10dB	
Outer Band Attenuation f0:1575.42MHz	f0-100MHz	38.7dB
	f0-50MHz	35.0dB
	f0+50MHz	57.4dB
	f0+100MHz	59.8dB

*Test Frequency:1575.42MHz



Electric Static Discharge (ESD)

Test Condition : IEC61000-4-2	Antenna Surface	±25kV
	Connector Pin	±25kV



General Specifications & Ordering Information*

Supply Voltage	3.0V+/-0.3V , 4.5V+/-0.5V , 5.0V+/-0.5
Current Consumption	10mA to 30mA (-30°C to +85°C)
Output Connector**	SMA-SP / SMB-SP / FAKRA / MCX-SP
Standard Harness Type/Length**	1D-QEHB (Black) , 5m (16.4042 ft)
Mounting Type	Magnet or Adhesive Tape

*Note : MOQ (Minimum order qty) : 500 pcs.

** Customer specific requirements considered upon discussion.

Validation Testing

YOKOWO V9 GPS Antennas meet/exceed all basic automotive validation tests.

For details and complete specifications, please [contact us.](#)

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