



GW-11
2.4 GHz Band SMA Mount Dipole
1.8 dBi



Straight View

Hinged View

Reverse SMA Connector

The GW-11 2.4 GHz dipole reverse SMA plug mount antenna is ideal for 2.4 GHz wireless applications such as Bluetooth and Wireless LAN. At only 82mm in length omni-directional 1.8dBi gain across all bands ensures constant reception and transmission. The antenna structure is designed for robust handling and the housing is made with TPE giving superior environmental reliability and a quality finish. The antenna can be rotated 90 degrees on the base hinge for ease of placement. Connector mount is fully customizable.

Features

Electrical

- | | |
|------------------|---|
| • 2.4 GHz Band | Suitable for Wireless LAN, Bluetooth, etc |
| • Gain | 1.8 dBi |
| • VSWR | 1.92 Max |
| • Directivity | Omni-directional |
| • Power Handling | 1W |

Mechanical

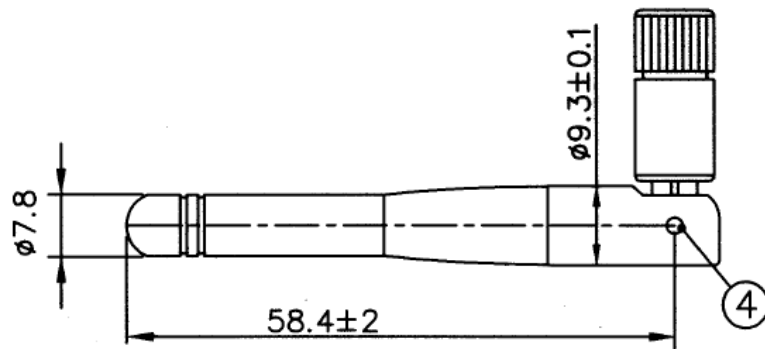
- | | |
|-------------------------|---------------------------|
| • Miniaturized | 82mm |
| • TPE Housing | Robust and Quality Feel |
| • Connector | Straight SMA Plug Reverse |
| • Hinge | 90 degrees rotation |
| • Operating Temperature | -40deg C to 85 deg C |



Other

- Black Color
- ROHS Compliant

Outline Drawing



Unit:mm

Fig. 1 Side View

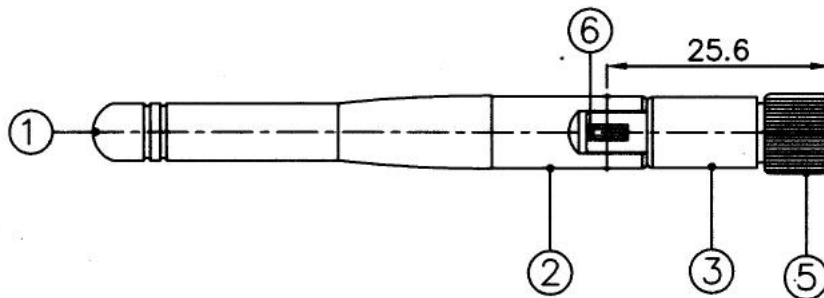


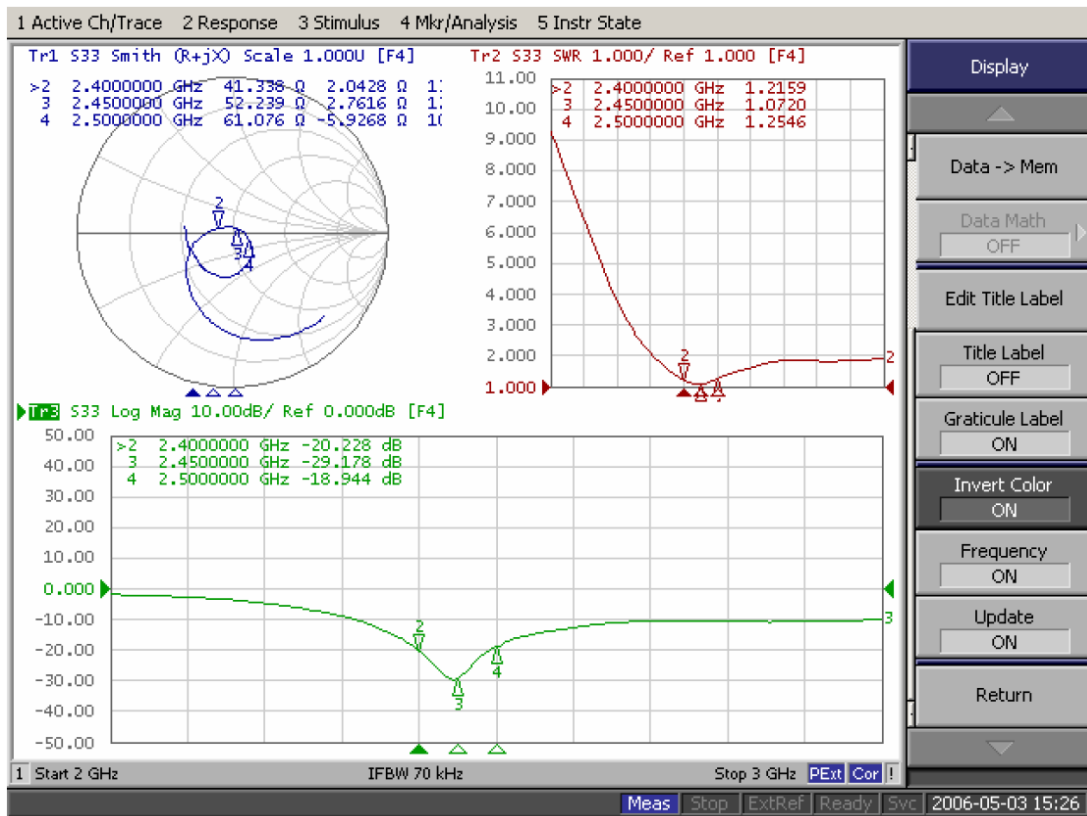
Fig. 2 Side View Structure

Key

1	Antenna Cover	TPE (Black)
2	Antenna Base	PC (Black)
3	Antenna Base	PBT (Black)
4	Rivet	Brass, Zn Plated (Black)
5	Connector	SMA Straight Plug Reverse (Black)
6	Cable	RG-178 50 Ohm

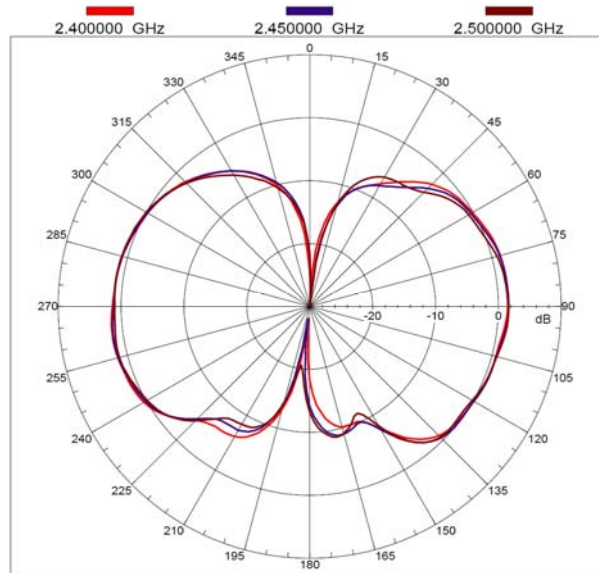


Smith Chart, VSWR, S11 Magnitude





2D Far Field Radiation Pattern - Horizontal



2D Far Field Radiation Pattern - Vertical

