

2.4 GHz Titanis Swivel Antenna

External high performance antenna
with SMA connector



Size: 15.4x12x50 mm

This external 2.4 GHz Swivel antenna is intended for use with all wireless applications, where very high performance is of utmost importance. The Titanis Swivel antenna is a half-wave antenna independent of groundplane. The design minimizes special considerations for its placement.

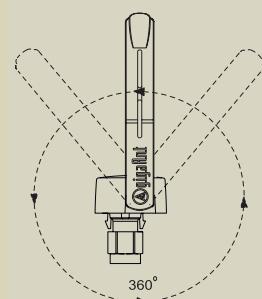
The Titanis antenna is suitable for Bluetooth™, Wireless LANs and Home RF products with in the 2.4 GHz range.

Typical application areas are:

- Desktop PCs
- Printers
- Instruments
- Access points and gateways
- Development tools

Description

The antenna blade is made of a flexible material and can be rotated 360 degrees in order to optimize performance and facilitate transportation. The antenna is fitted with a standard SMA connector. No external matching network is required.

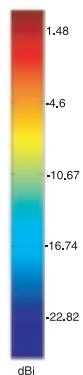
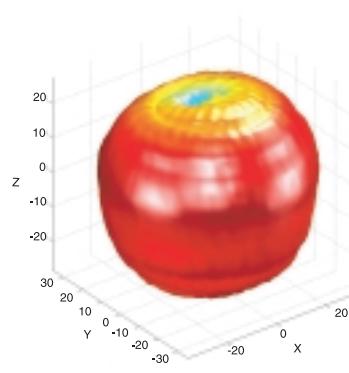


Antenna Specification

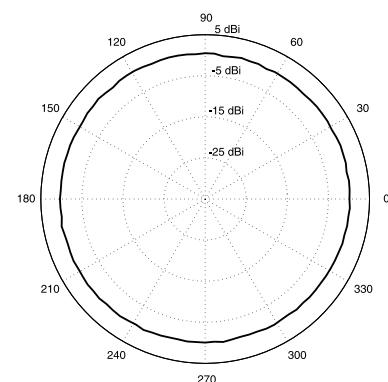
| | |
|------------------------|--------------------------|
| Frequency: | 2.4-2.5 GHz |
| Type: | Ground plane independent |
| Efficiency: | >75%* |
| Gain: | 1.6 dBi* |
| Nominal impedance: | 50 Ohm |
| VSWR: | <1.5:1* |
| Mounting: | SMA Connector |
| Operating temperature: | -40 °C – +85 °C |
| Relative humidity: | 93% at +30°C |
| Weight: | 7.4 g |

* Typical values

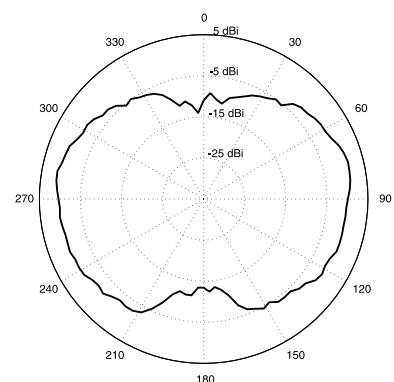
Typical 3D Radiation pattern



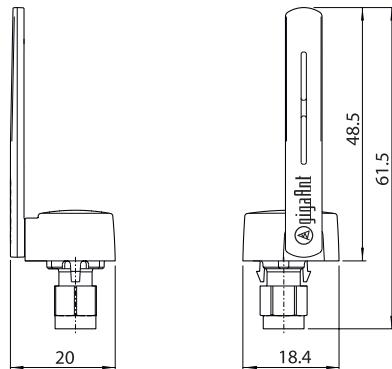
Horizontal cut, xy-plane



Vertical cut, xz-plane



Dimensions (mm)



Product name

Titanis 2.4 GHz SMA

Article No.

2010B4844-01

Packaging

Bulk

