

# GSM/UMTS ANTENNA

Antenna GSM/UMTS Connector Mount G401-1S, 180°, 2 dBi, SMA(m)

AO-AUMTS-G401-1SS

SECTRON company offers a wide portfolio of GSM/UMTS antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

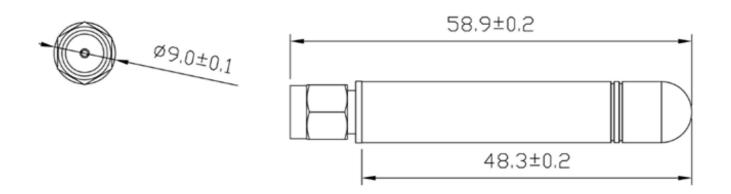
#### **BENEFITS**

- Easy installation
- Omnidirectional suitable for moving devices
- No cable required



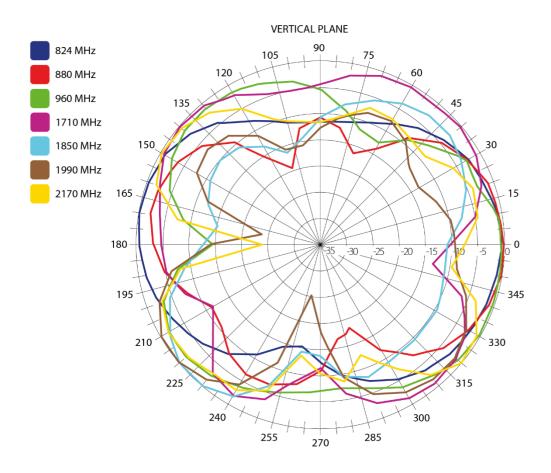
| Technology            | GSM/UMTS  |
|-----------------------|---|
| Frequency bands       | 800/900/1700/1800/1900/2100 MHz   |
| Bandwidth             | -   |
| Gain                  | 2 dBi   |
| VSWR                  | <2.5:1  |
| Impedance             | 50 Ohm  |
| Directivity           | Omnidirectional   |
| Beam angle            | H-360°, V-30°   |
| Polarization          | Vertical  |
| Maximum input power   | 10 W  |
| Power voltage         | -   |
| Dimensions            | 58.9 x 9 mm   |
| Weight                | 5.81 g  |
| Operating temperature | -40 to +85 °C   |
| Execution             | External  |
| Method of attachment  | Connectro Mount   |
| Cable type            | -   |
| The cable length      | -   |
| Connector type        | SMA(m)  |
| Certification         | RoHS, ISO 9001 & ISO 14001  |
| Material - Enclosure  | TPE   |
| Material - Connector  | <b>Dielectric</b> – Teflon, <b>Body</b> : Brass – gold plated, <b>Contact</b> : Brass – gold plated |

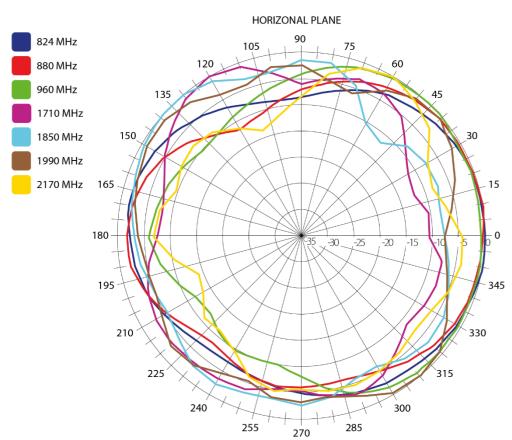
### DRAWING



SIMULATED GRAFS AO-AUMTS-G401-1SS

## Radiation pattern [-]



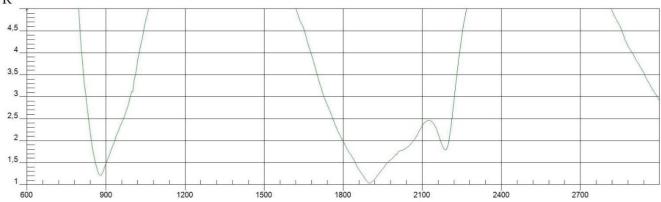


MEASURED GRAFS AO-AUMTS-G401-1SS

## VSWR [-] - Voltage standing wave ratio

#### AO-AUMTS-G401-1SS

**VSWR** 



Frequency(600 - 3000 MHz)

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#### **ALL VARIANTS**

Different connector variants or cable lengths are available on request.

### **CONTACTS**