



## UMTS/GSM ANTENNA

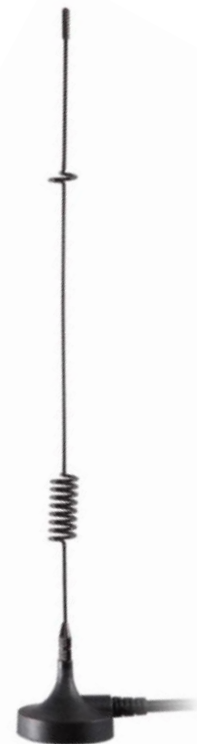
Antenna Magnet Mount G024L,  
5 dBi, SMA(m), RG58/1.5m

AO-AUMTS-G024LS15

SECTRON company offers a wide portfolio of UMTS/GSM 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.

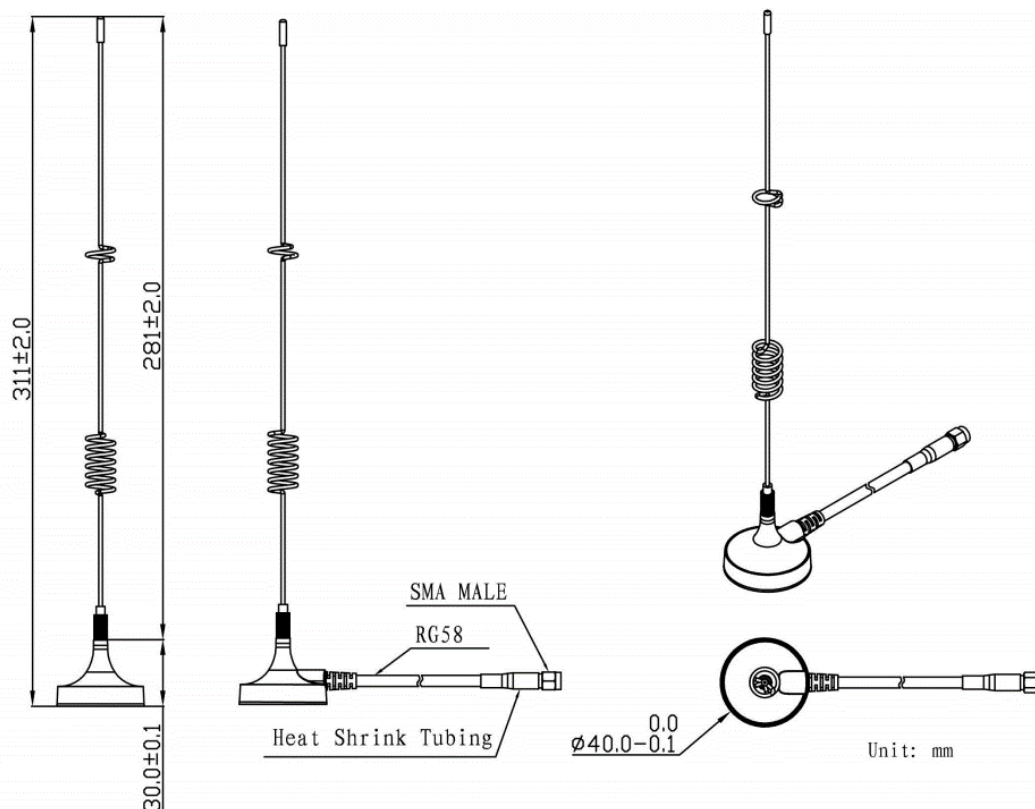
### BENEFITS

- Low VSWR
- Magnetic mount
- Optimized radiation pattern

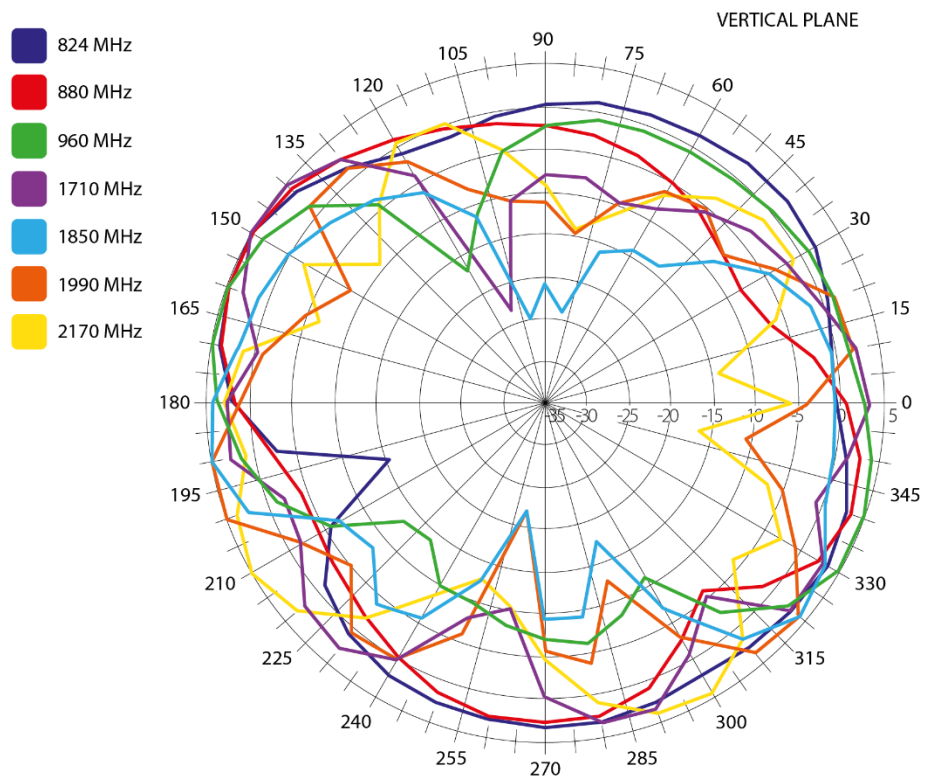
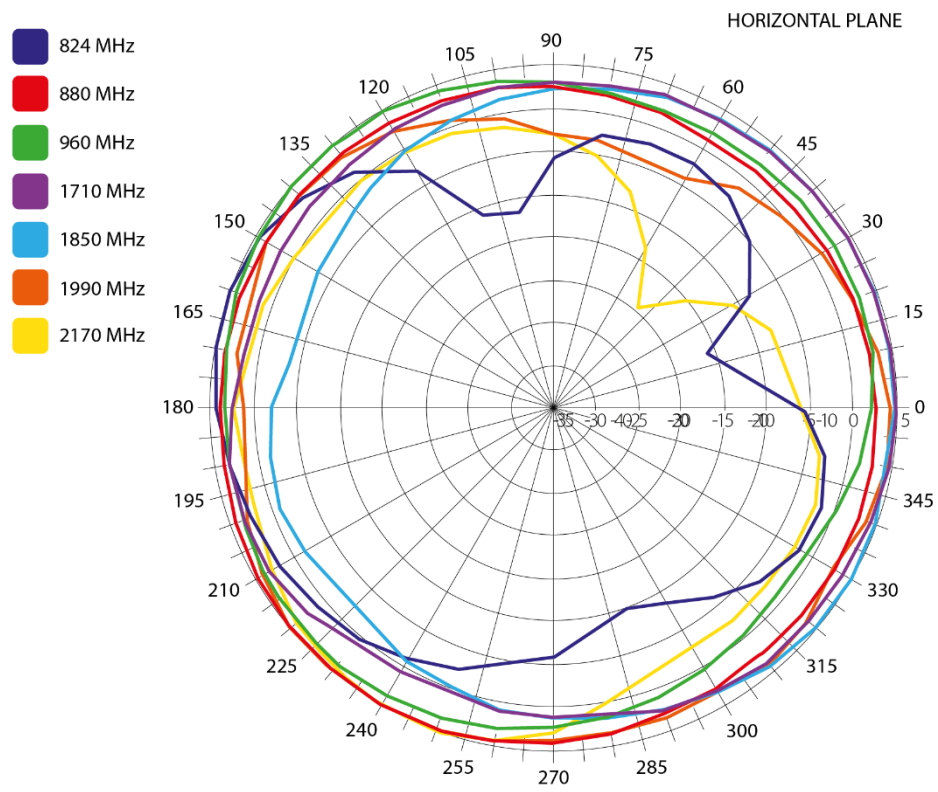


|                       |                            |
|-----------------------|----------------------------|
| Technology            | UMTS/GSM                   |
| Frequency bands       | 2100/1800/1700/900/800 MHz |
| Bandwidth             | -                          |
| Gain                  | 5 dBi                      |
| VSWR                  | <2:1                       |
| Impedance             | 50 Ohm                     |
| Directivity           | Omnidirectional            |
| Beam angle            | Attached graphs below      |
| Polarization          | Linear (Vertical)          |
| Maximum input power   | 10 W                       |
| Power voltage         | -                          |
| Dimensions            | ∅ 40.0 x 311 mm            |
| Weight                | 74.64 g                    |
| Operating temperature | -40°C + 85 °C              |
| Execution             | External                   |
| Method of attachment  | Magnetic mount             |
| Cable type            | RG58/U                     |
| The cable length      | 1.5 m                      |
| Connector type        | SMA(m)                     |
| Certification         | RoHS                       |

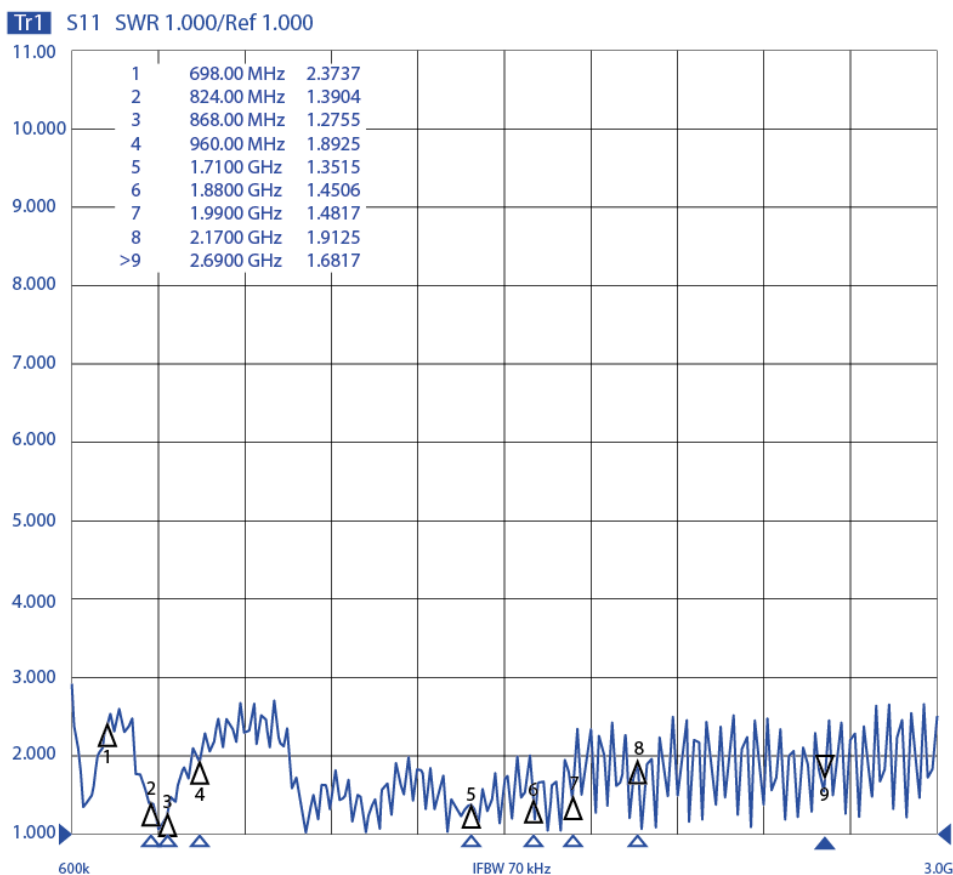
DRAWING



### RADIATION PATTERN - 2D



**VSWR – STANDING WAVE RATIO [-]**



**SUMMARY**

| Frequency (MHz) | Return Loss (dB) | VSWR (-) | Gain (dBi) |
|-----------------|------------------|----------|------------|
| 698             | -7.81            | 2.37     | -          |
| 868             | -18.78           | 1.26     | 4          |
| 960             | -10.23           | 1.89     | 4.5        |
| 1710            | -16.54           | 1.35     | 5          |
| 2170            | -10.10           | 1.91     | 4.8        |
| 2690            | -11.91           | 1.68     | -          |

**VARIANTS**

Different connector variants or cable lengths are available on request

**CONTACTS**

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