



## GSM/UMTS/LTE ANTENNA

Antenna GSM/UMTS/LTE Stick  
90/180, Penta-band, 2 dBi, SMA(m),  
white

AO-ALTE-TG09-W

SECTRON company offers a wide portfolio of GSM/UMTS/LTE/GPS antennas with various version 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

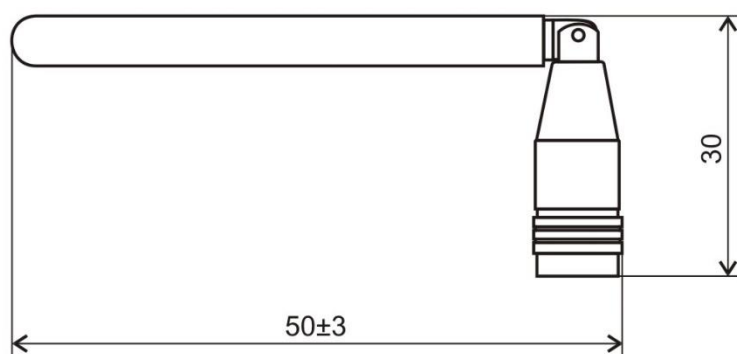
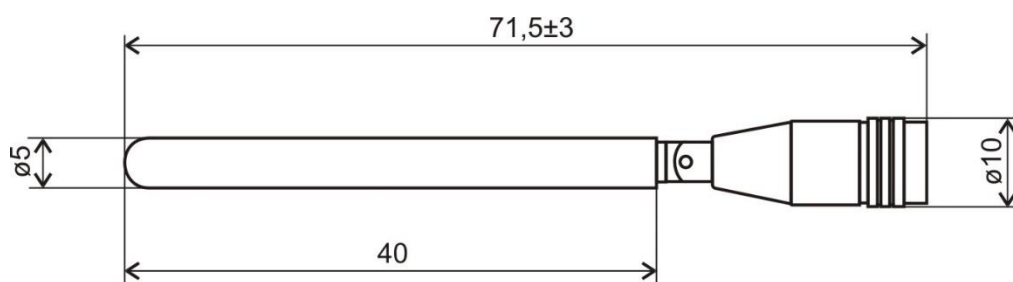
- Low VSWR
- Combination LTE&GPS technology
- Small compact design
- Easy installation

## FEATURES

AO-ALTE-TG09-W

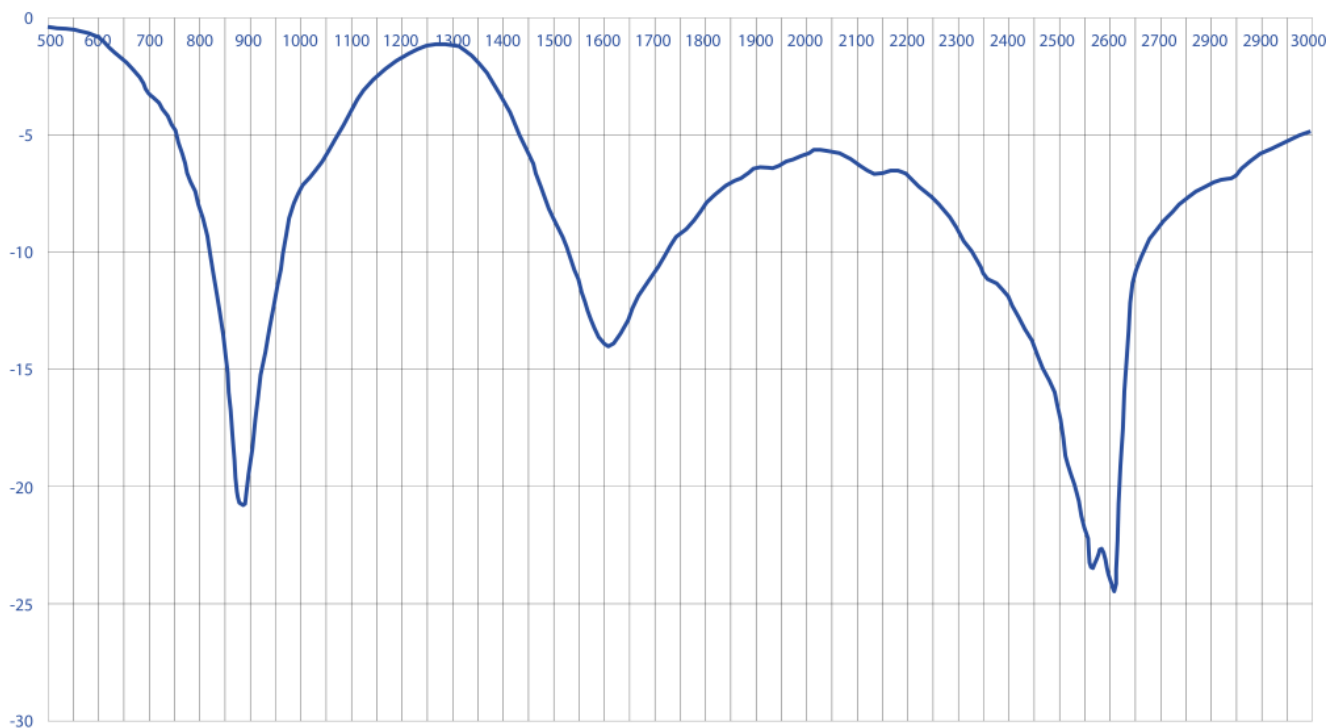
Technology	GSM/UMTS/LTE/GPS
Frequency bands	700/800/900/1700/1800/2100/2600/2700 MHz & 1575.42 MHz
Bandwidth	-
Gain	2 dBi
VSWR	<3.5:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs below
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	71.5 x $\varnothing$ 10 mm
Weight	8.34 g
Operating temperature	-20 to +80 °C
Execution	External
Method of attachment	Screw
Cable type	-
The cable length	-
Connector type	SMA(m)
Certification	RoHS, ISO 9001, 14001

## DRAWING



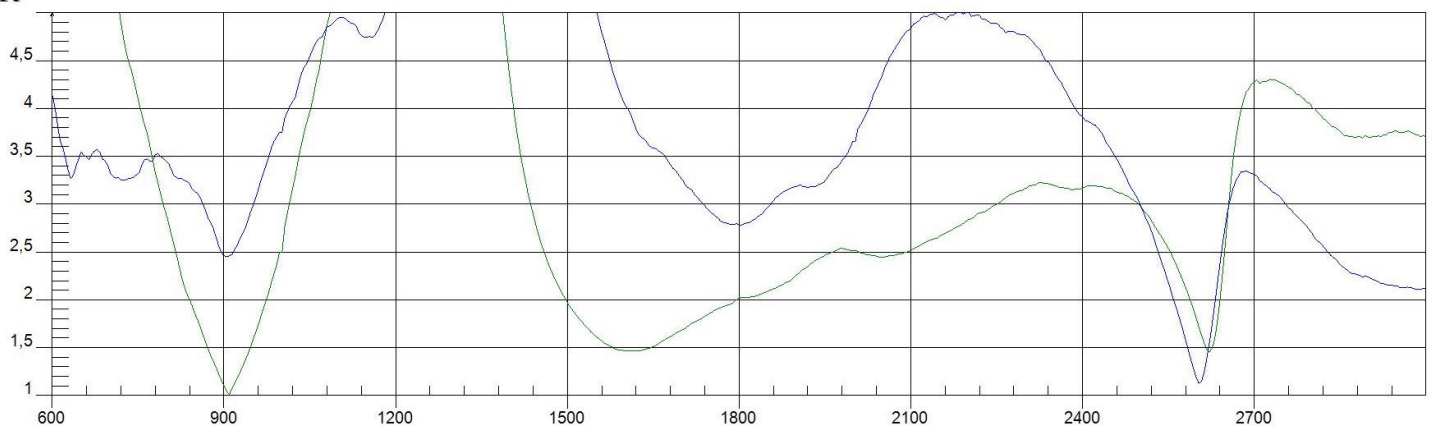
UNIT: mm

**S11 - Return Loss [dB] – measured**



**VSWR – Standing wave ratio – measured**

VSWR



Frequency(600 - 3000 MHz)

Frequency [MHz]	Return Loss [dB]	VSWR
700	-5.03	3.55
900	-25.66	1.11
1575.42	-14.56	1.46
1710	-12.85	1.59
2170	-7.04	2.6
2700	-8.84	2.13

CONTACTS

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