

Antenna Java Modem GLONASS & Billetooth RFID Source & GSM Wi-Fi Antenna IoT & GLONASS UMTS Antenna Java Modem GLONASS & Bluetooth M2M G LTE

2M  $\bigcirc$  LTE  $\exists$  GSM ables S Router  $\exists$  Antenn Bluetooth RFID  $\leq$  RF cables GSM Wi-Fi  $\bigcirc$  GPS Rou Antenna IoT  $\exists$  GLONASS UI Antenna Java Modem GLONAS  $\leq$  Bluetooth M2M  $\bigcirc$  Li Wireless RF cables S Ro odem GLONASS  $\leq$  Bluetooth R Router LTE  $\exists$   $\subseteq$  GSM W

# LTE ANTENNA

Antenna LTE Stick 90°/180° 196, 5 dBi, SMA(m)

AO-ALTE-G196S

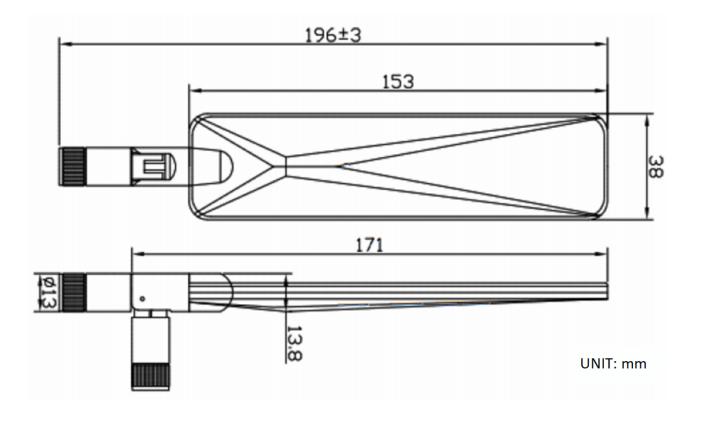
SECTRON company offers a wide portfolio of LTE antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.



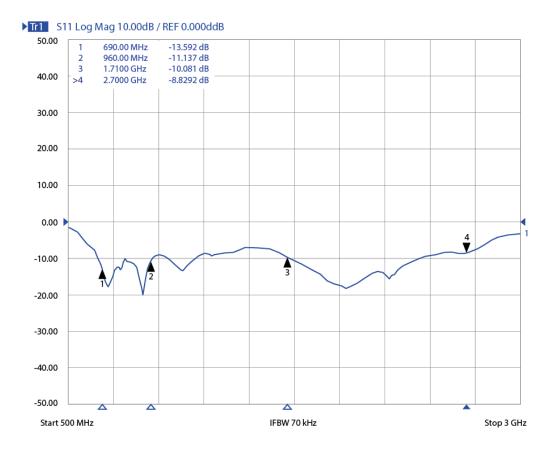
## BENEFITS

- Low VSWR
- High gain
- Optimized radiation pattern

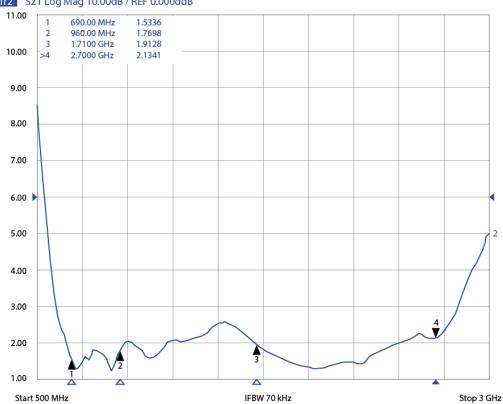
FEATURES	AO-ALTE-G196S	
Technology	LTE	
Frequency bands	690/960/1710/2700 MHz	
Bandwidth		
Gain	5 dB	
VSWR	<2.1:1	
Impedance	50 Ohm	
Directivity	Omnidirectional	
Polarization	Linear	
Maximum input power	10 W	
Power voltage	-	
Dimensions	196 x 38 x 13.8 mm	
Weight	-	
Operating temperature	-40 to +85 °C	
Execution	External	
Method of attachment	Screw mount	
Cable type	-	
The cable length	-	
Connector type	SMA(m)	
Certification	RoHS	
IP code	-	
Material	ABS	
DRAWING		







## VSWR – Voltage standing wave ratio [-]



Tr2 S21 Log Mag 10.00dB / REF 0.000ddB

Frequency [MHz]	Gain [dBi]	VSWR [-]	$S_{11}$ [dB]
690	-0.5	1.53:1	-13.59
960	-1.36	1.77:1	-11.14
1710	1.2	1.91:1	-10.08
2700	1.62	1.13:1	-8.29

### VARIANTS

Different connector variants or cable lengths are available on request.

### CONTACTS

SECTRON s.r.o. Josefa Šavla 1271/12 709 00 Ostrava 9, Czech Republic WWW.SECTRON.CZ Tel.: +420 556 621 020