



LTE ANTENNA

Internal GSM/UMTS/LTE antenna
SMD 698-960, 1710-2170 MHz

AO-ALTE-PIF01

SECTRON company offers a wide portfolio of GSM/UMTS/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.

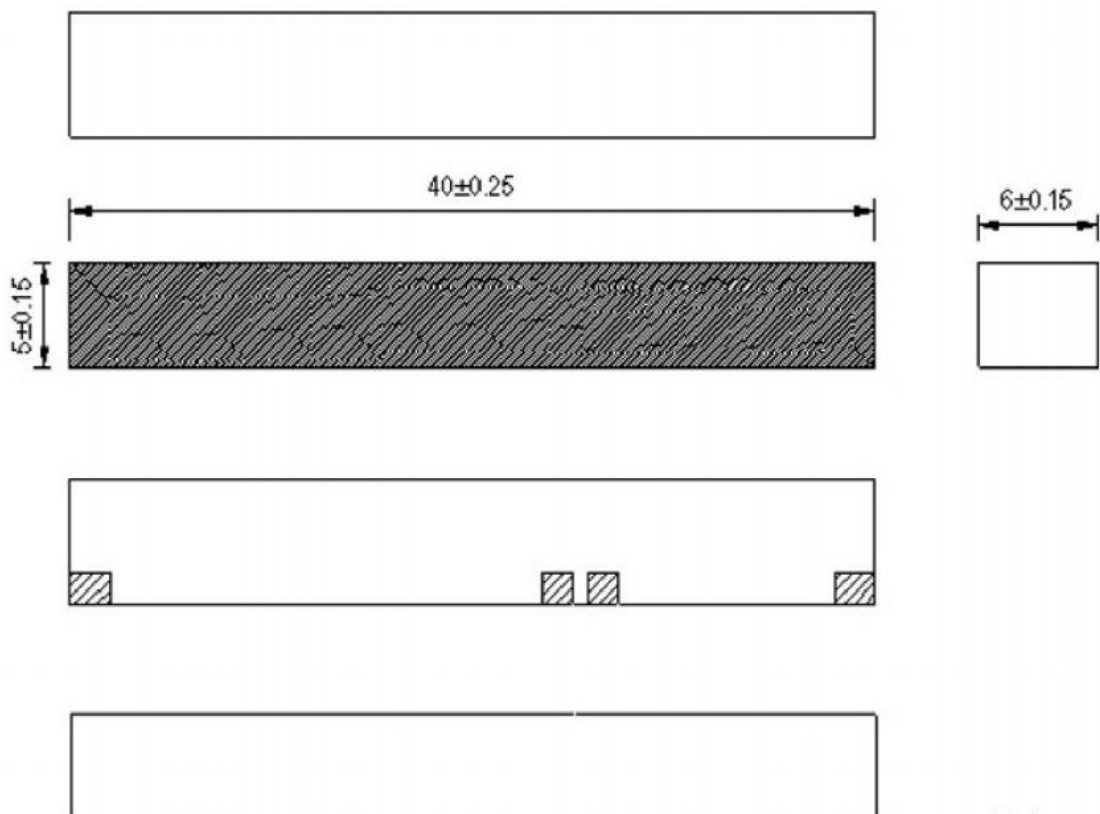


BENEFITS

- Minimalist dimension
- Omnidirectional - suitable for moving devices

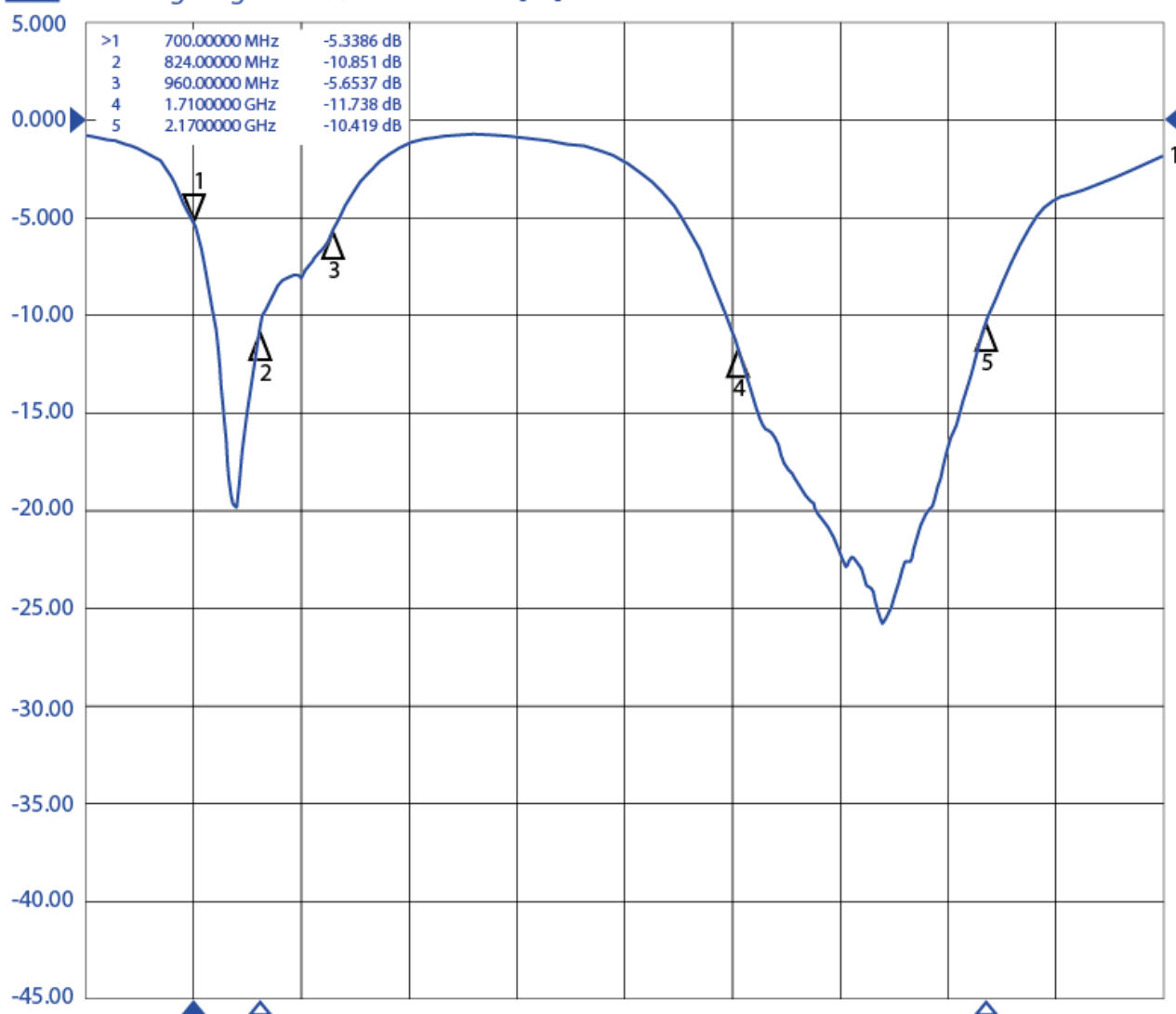
Technology	GSM/UMTS/LTE
Frequency bands	700/800/900/1800/1900/2100 MHz
Bandwidth	-
Max gain	5.61 dBi
Average gain	- 1.64 dBi
VSWR	< 4:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	40 x 6 x 5 mm
Weight	3.29 g
Operating temperature	-40 to +85 °C
Execution	Internal
Method of attachment	Soldering
Cable type	-
The cable length	-
Connector type	-
Certification	ISO 9001, ISO 14001, RoHS

DRAWING



Unit: mm

Tr1 S11 Log Mag 5.00 dB/REF 0.000 dB [F1]



LTE Antenna Peak Gain parameter Summary

Band	GSM (MHz)					DCS (MHz)		PCS (MHz)		WCDMA (MHz)	
	700	824	880	890	960	1710	1880	1850	1990	2110	2170
Peak Gain (dBi)	-1.65	4.31	4.18	4.35	3.88	4.35	4.82	4.15	5.61	5.13	3.67
Efficiency (%)	40.09	86.92	65.19	62.90	65.33	73.41	81.41	80.26	81.85	73.16	57.03
Average Gain(dBi)	-3.96	-0.60	-1.85	-2.01	-1.84	-1.35	-0.89	-0.95	-0.86	-1.35	-2.43

CONTACTS