



LTE ANTENNA

Antenna LTE Magnet Mount 90 Set, Connectorized base SMA(f), SMA m/m Cable Extension .240, 20m

AO-ALTE-MG9S20

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

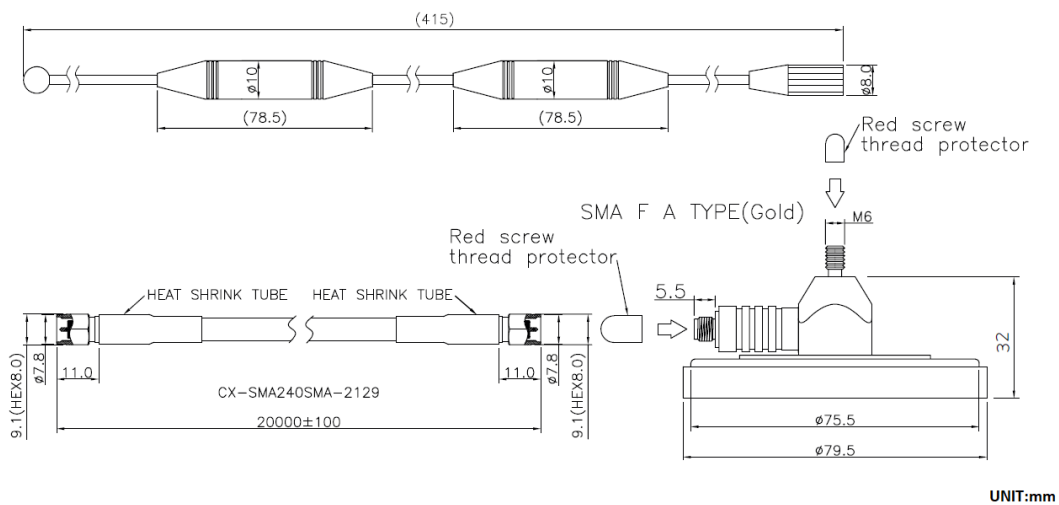
- Low VSWR
- High gain
- Optimized radiation pattern
- Long cable extension

FEATURES

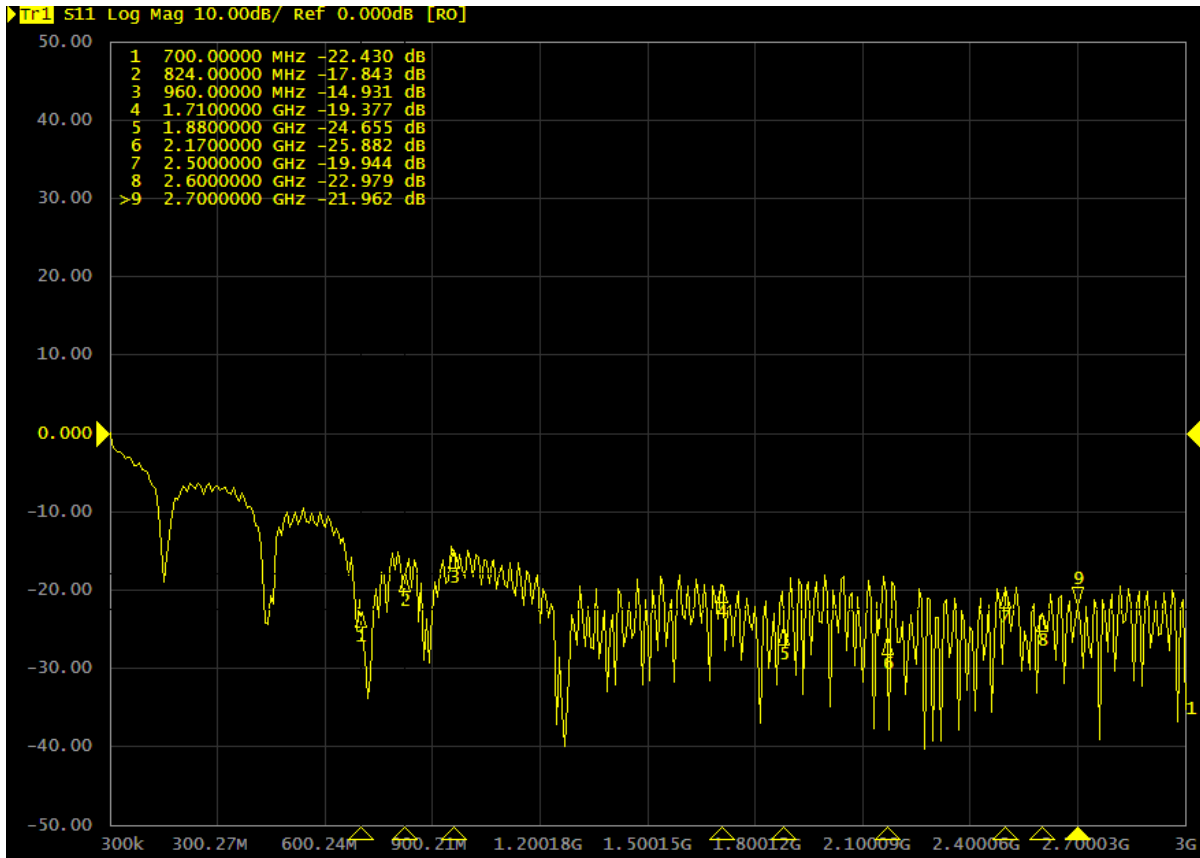
AO-ALTE-MG9S20

Technology	LTE
Frequency bands	690/960/1710/2700 MHz
Bandwidth	-
Gain	5 dBi
VSWR	<3:1
Impedance	50 Ohm
Directivity	Omnidirectional
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 79.5 x 447 mm
Weight	-
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Magnet mount
Cable type	.240
The cable length	-
Cable connector type	SMA(m)
Base connectors type	2x SMA(f)
Certification	RoHS

DRAWING

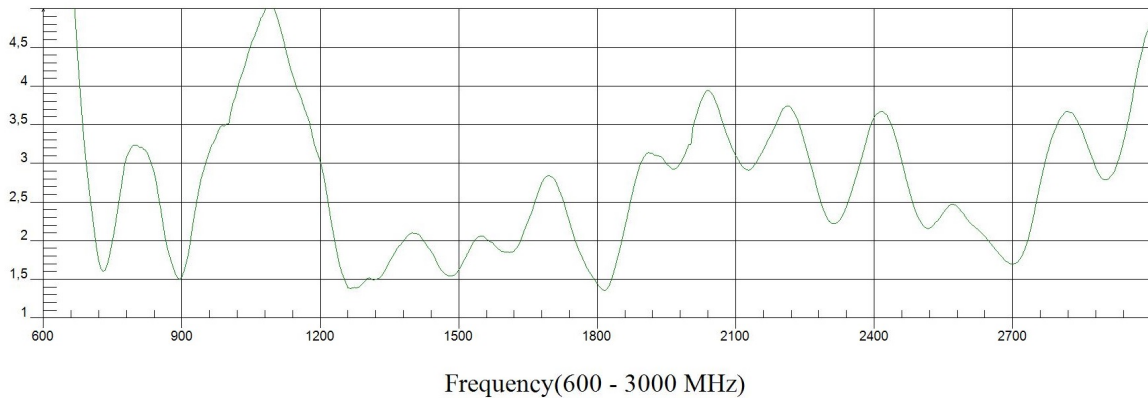


S_{11} - Return Loss [dB]

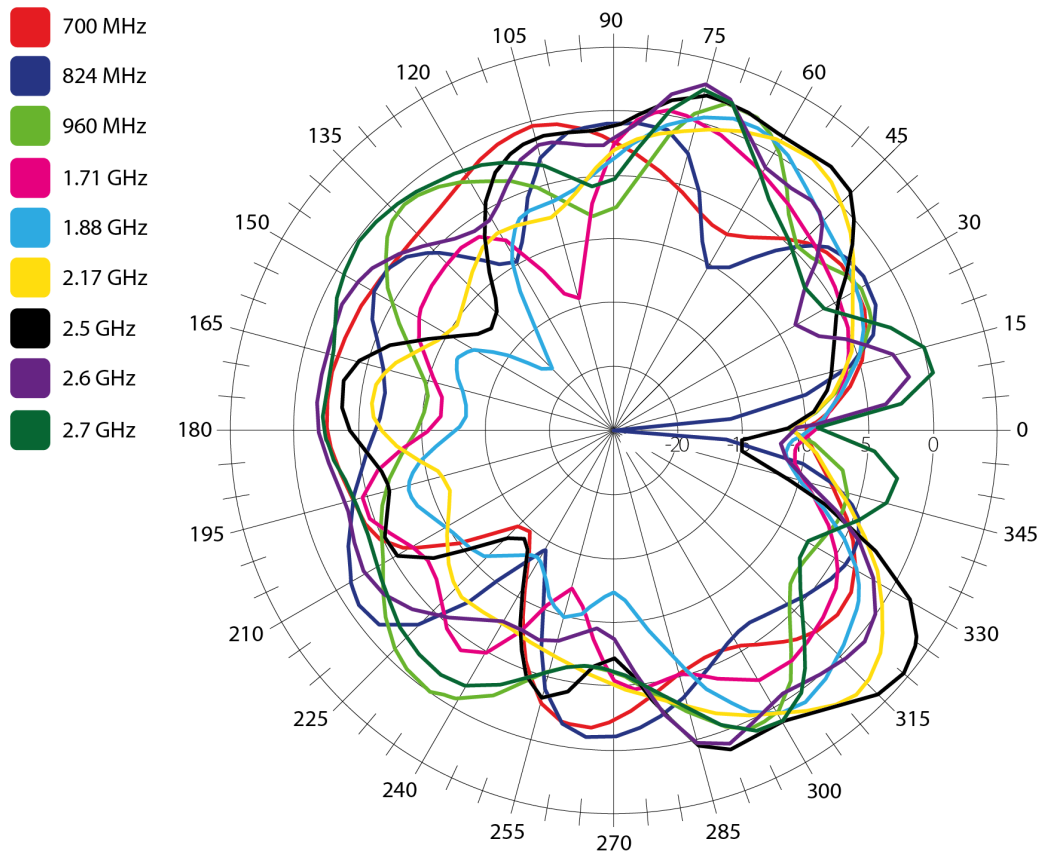


VSWR – Voltage standing wave ratio [-]

VSWR
AO-ALTE-MG9S20



2D radiation patern [-]



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
700	22.43	1.18	39.72	0.31
824	17.84	1.30	40.55	0.37
960	14.93	1.43	54.33	1.39
1710	19.37	1.24	39.26	0.36
1880	24.65	1.13	41.78	1.72
2170	25.88	1.15	48.98	3.02
2500	19.94	1.22	67.3	4.33
2600	22.97	1.15	56.62	3.03
2700	21.96	1.17	59.43	3.54

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS