



LTE ANTENNA

Antenna LTE Magnet Mount 90,
5-9 dBi, SMA(m), RG174/1,5m

AO-ALTE-MG9S-150

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
- Gain
- Easy installation

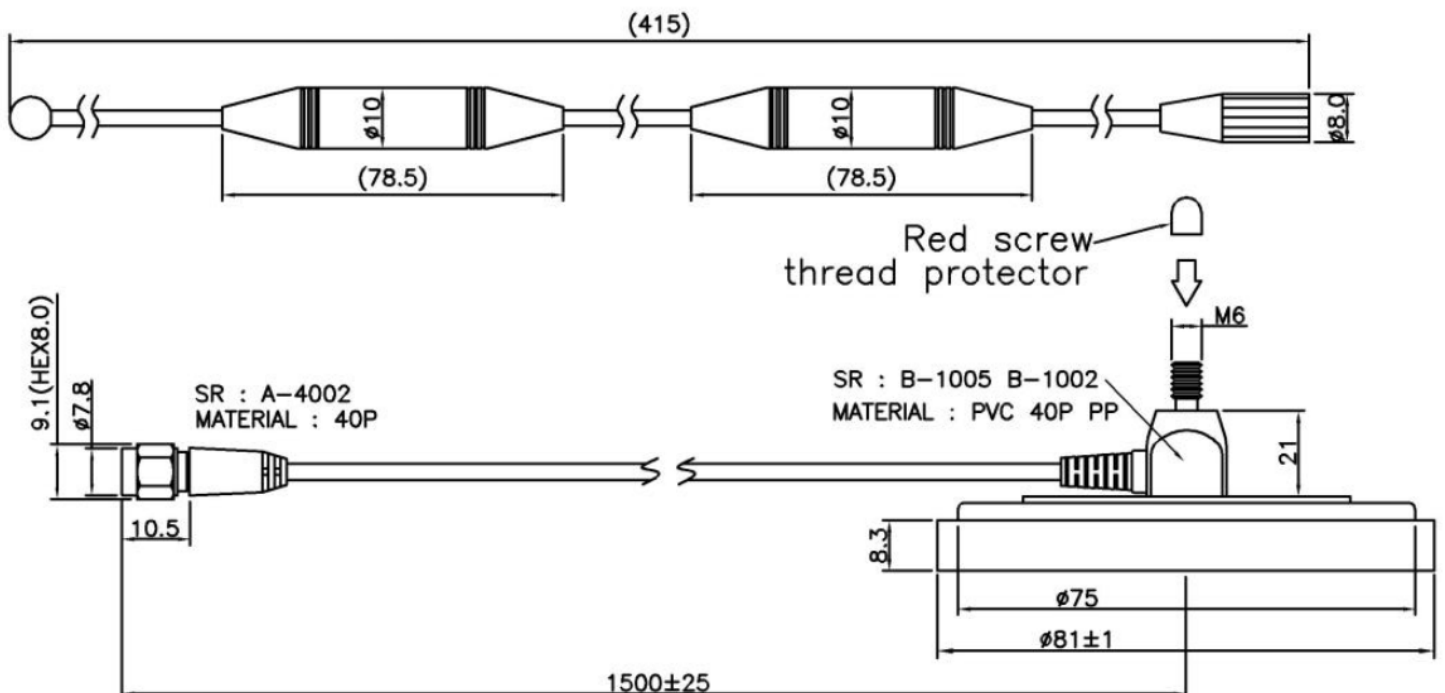


FEATURES

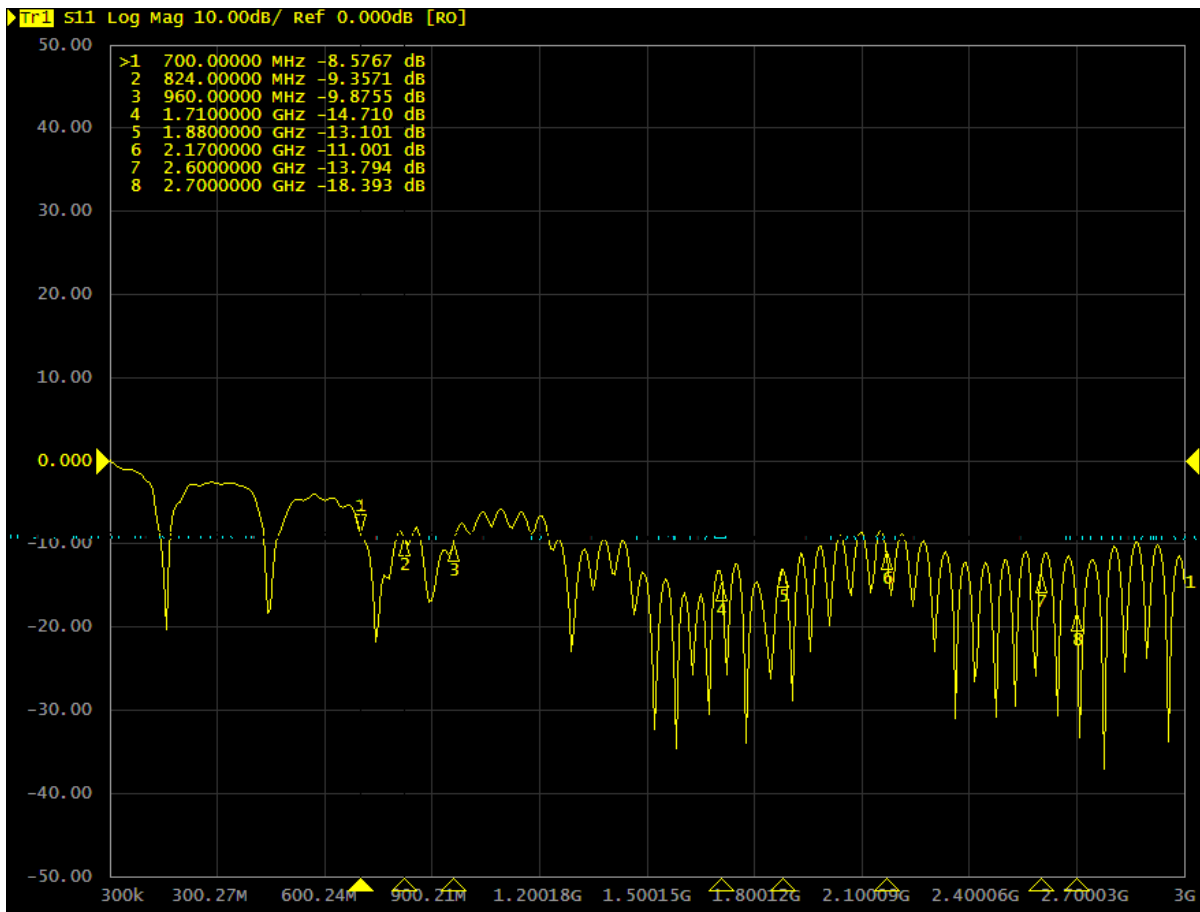
AO-ALTE-MG9S-150

Technology	LTE
Frequency bands	700/824/960/1710/1880/2170/2600/2700 MHz
Bandwidth	-
Gain	5-9 dBi
VSWR	<2:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 81 x 444.3 mm
Weight	- g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Magnet Mount
Cable type	RG174/U
The cable length	1.5 m
Connector type	SMA(m)
Certification	RoHS
Material	PVC/PBT/FRP

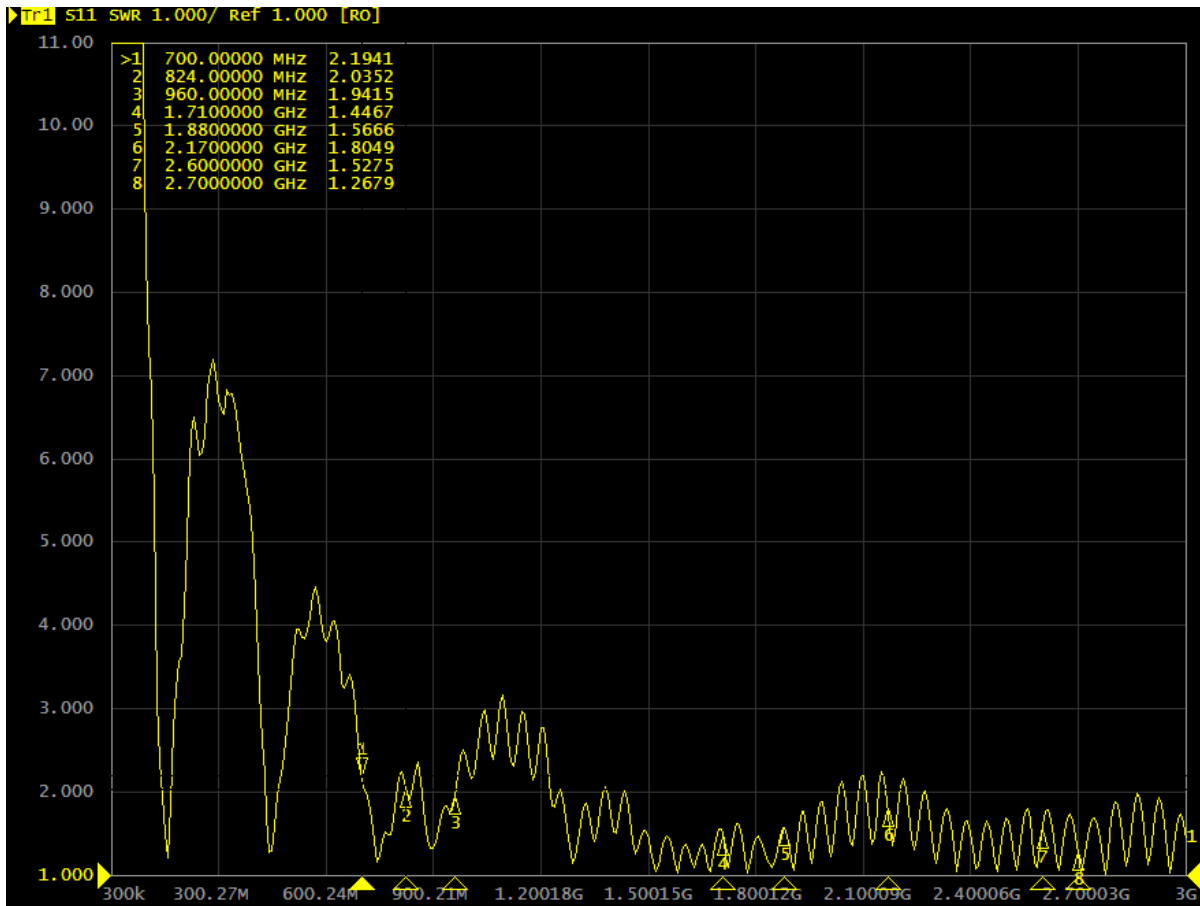
DRAWING



S_{11} - Return Loss [dB]

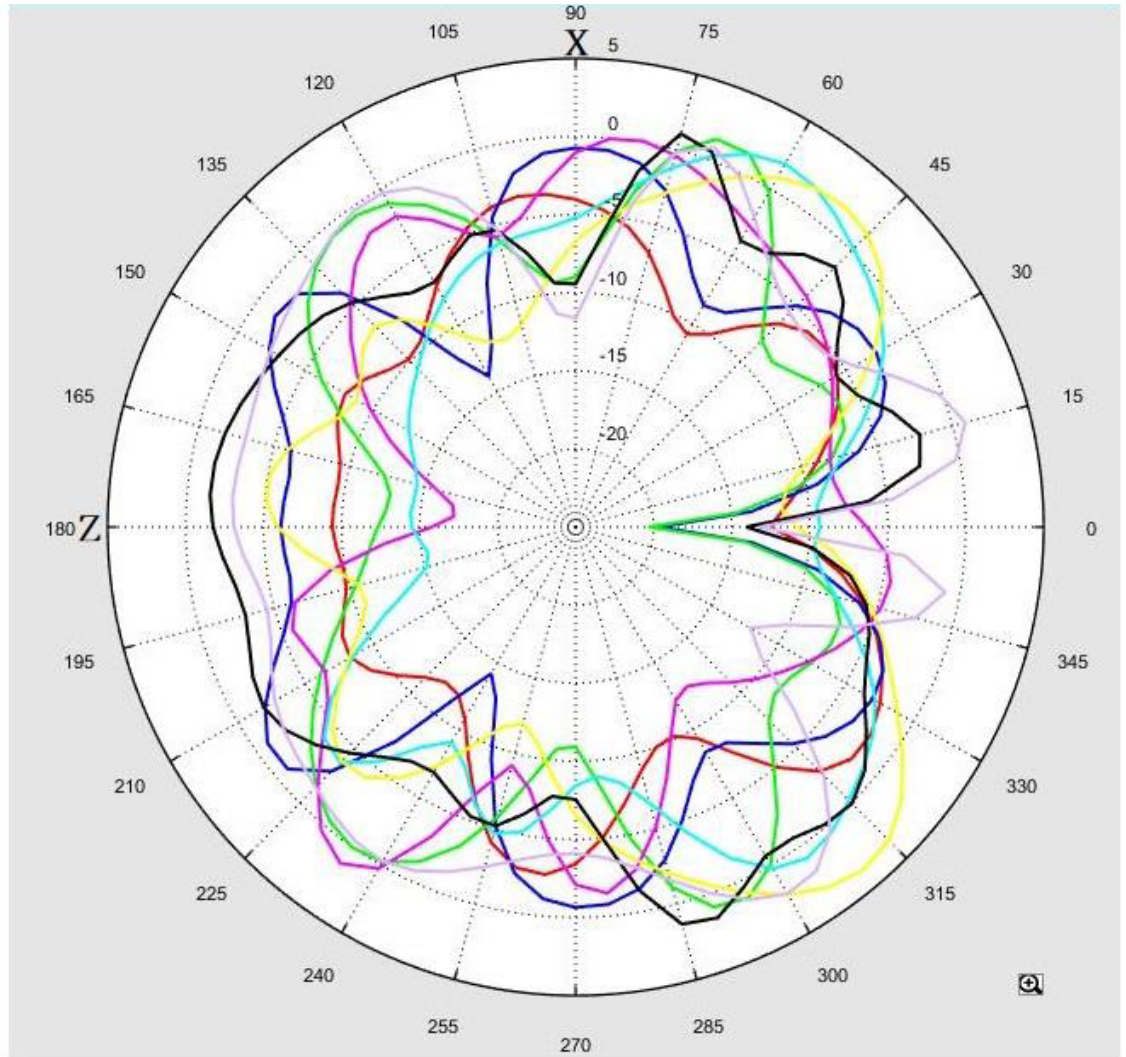


VSWR – Voltage standing wave ratio [-]



2D RADIATION PATTERN

Freq. / Chan.	Color
700MHz	Red
824MHz	Blue
960MHz	Green
1.71GHz	Magenta
1.88GHz	Cyan
2.17GHz	Yellow
2.6GHz	Black
2.7GHz	Purple



Frequency [MHz]	S11 [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
700	-8.57	2.19	24.43	-2.24
824	-9.35	2.03	39.99	-0.01
960	-9.87	1.94	48.87	0.64
1710	-14.71	1.44	47.53	1.07
1880	-13.10	1.56	49.32	3.36
2170	-11.00	1.80	45.6	3.4
2600	-13.79	1.52	48.42	2.41
2700	-18.39	1.26	61.66	4.42

Different connector variants or cable lengths are available on request.

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