



GSM ANTENNA

Antenna GSM Screw Mount,
3 dBi, RG58/25cm SMA(m)

AO-AGSM-MI3S25

SECTRON company offers a wide portfolio of GSM 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
- Screw mount
- Optimized radiation pattern

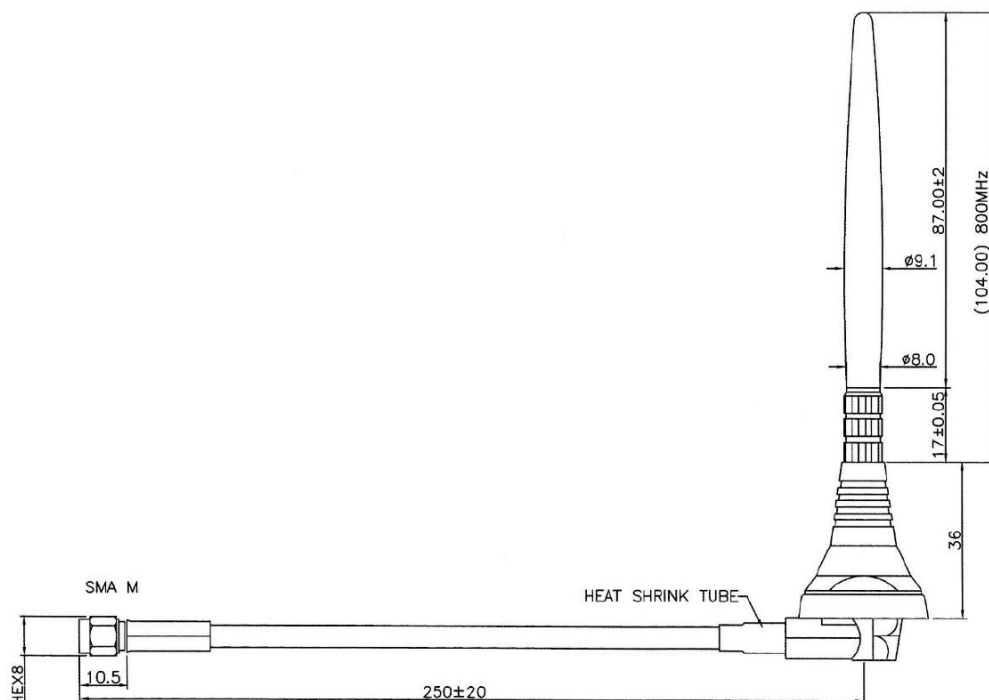


FEATURES

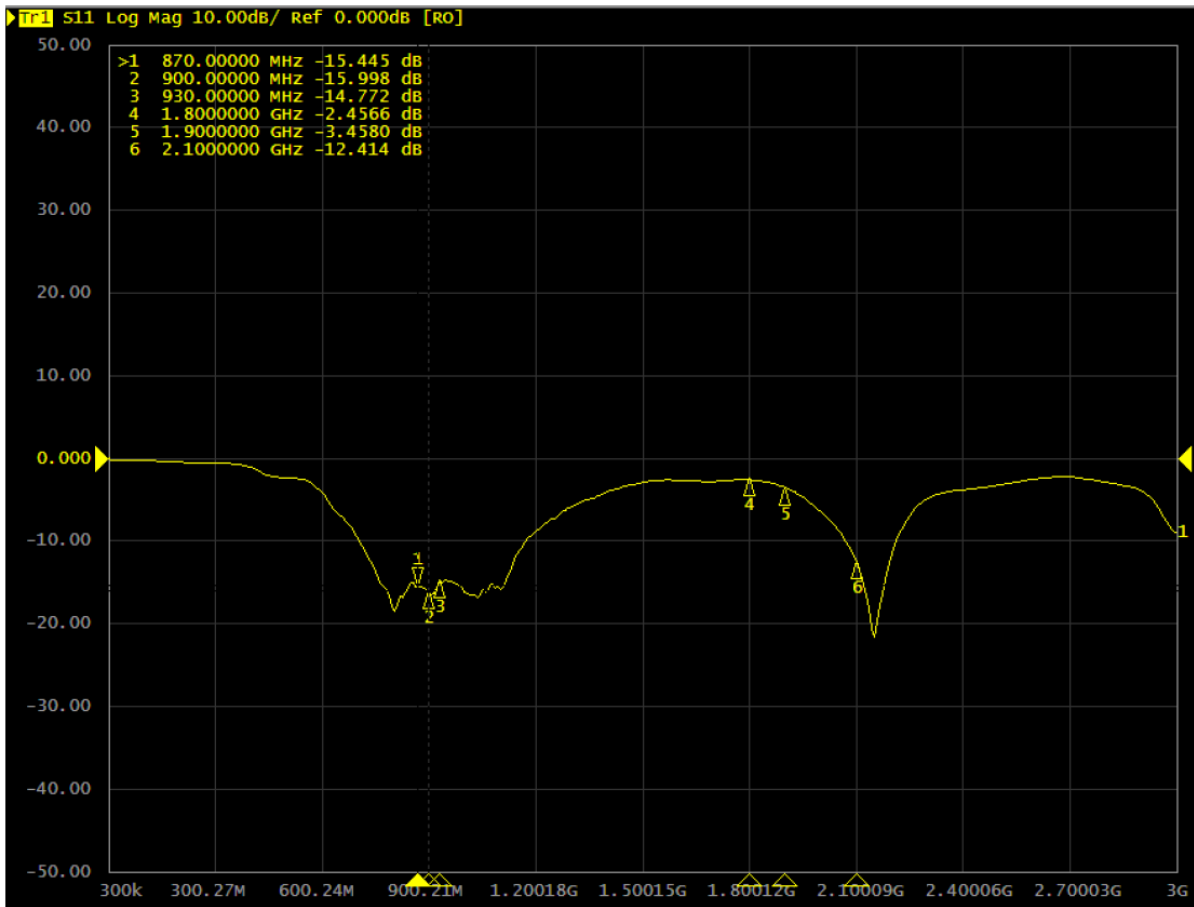
AO-AGSM-MI3S25

Technology	GSM
Frequency bands	900/1800 MHz
Bandwidth	-
Gain	3 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	2.2-5 VDC
Dimensions	Ø 9.1 x Ø 32.2 x 140 mm
Weight	61.3 g
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Screw Mount
Cable type	RG58/U
The cable length	0.25 m
Connector type	SMA(m)
Certification	RoHS, ISO 9001, ISO 14001
IP code	-
Material	-

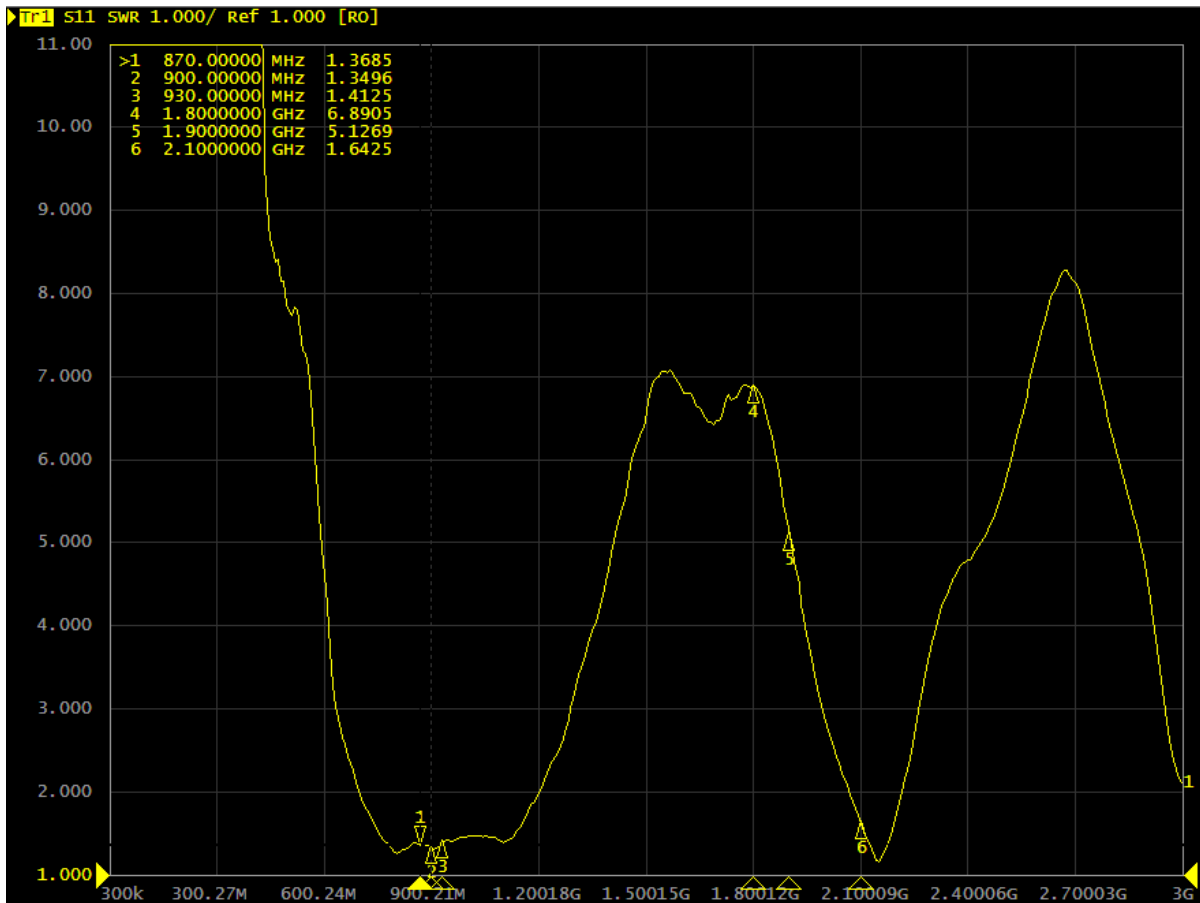
DRAWING



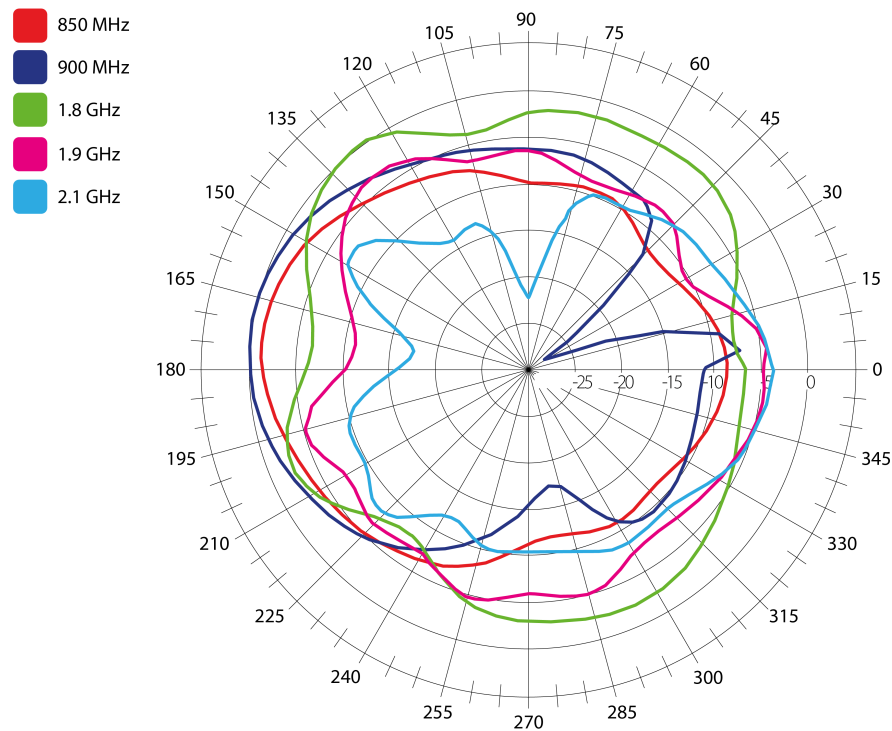
S_{11} - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



RADIATION PATTERN - 2D



SUMMARY

Frequency [MHz]	Gain [dBi]	VSWR [-]	S_{11} [dB]
870	2.31	1.36:1	-15.44
900	2.24	1.34:1	-15.99
930	2.36	1.41:1	-14.77
1800	0.72	6.89:1	-2.45
1900	1.57	5.12:1	-3.45
2100	4.53	1.64:1	-12.41

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS