



GSM/UMTS ANTENNA

Antenna GSM/UMTS Magnet Mount 90

9 dBi, SMA(m), LMR200/3.5m

AO-AGSM-MG9T

SECTRON company offers a wide portfolio of GSM/UMTS 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.

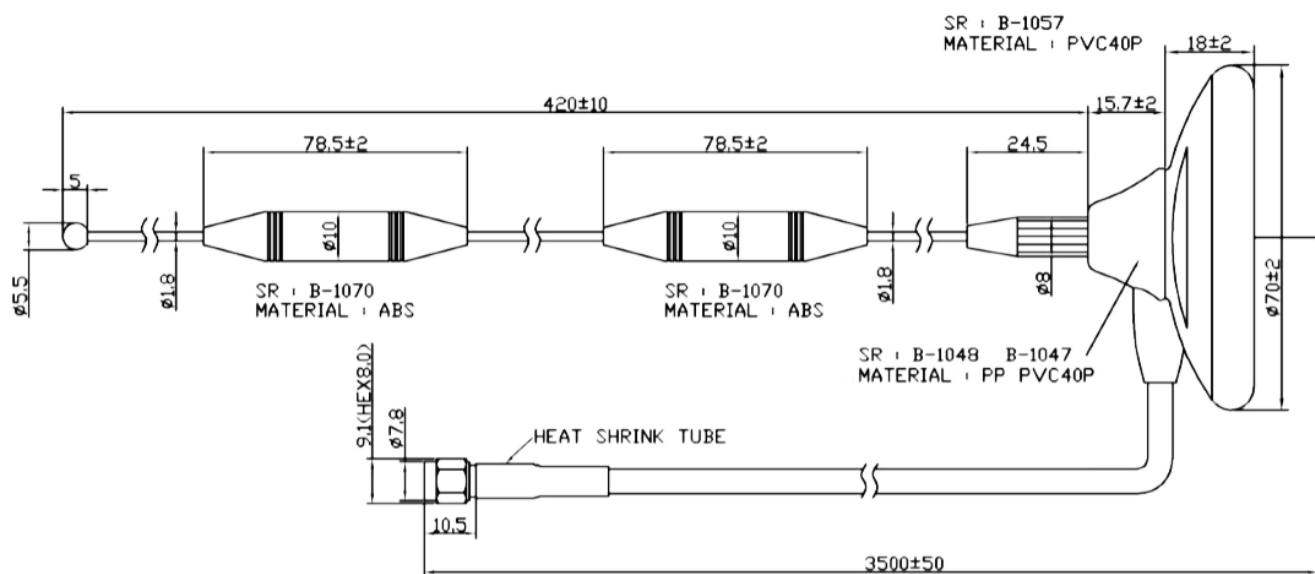


BENEFITS

- Low loss cable LMR200
- High gain
- Strong magnet antenna base
- Omnidirectional – suitable for moving devices

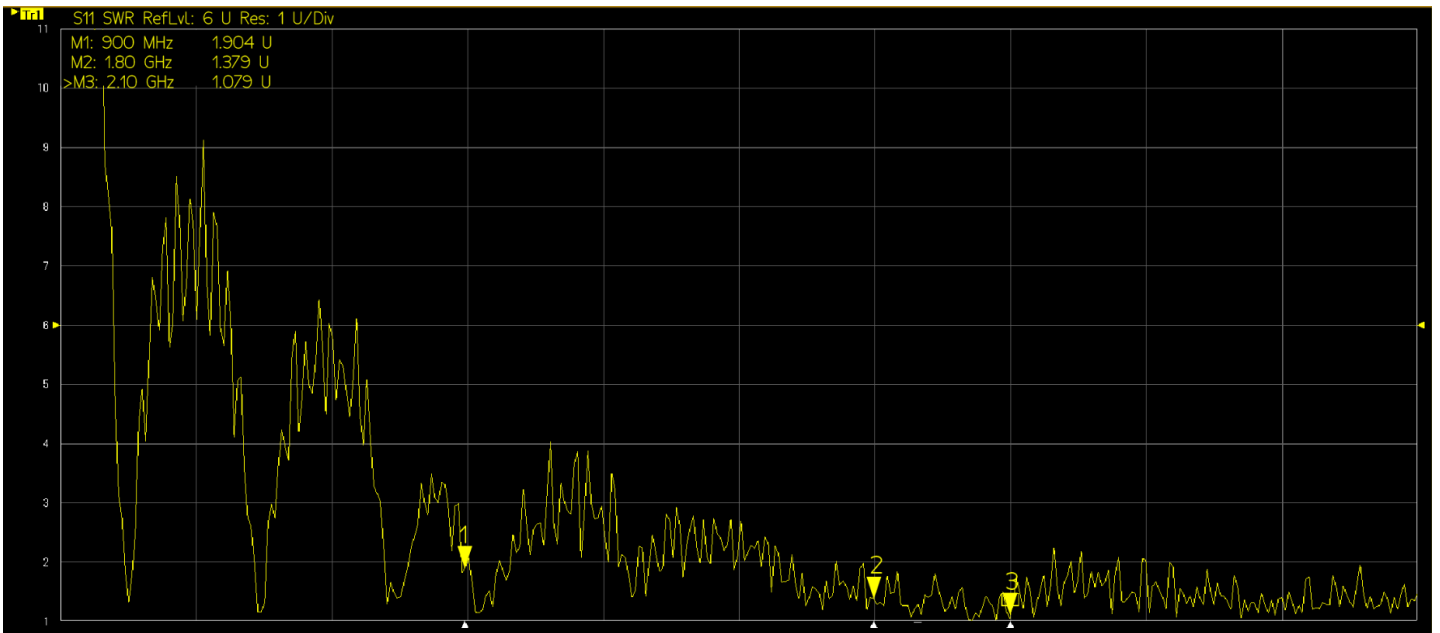
Technology	GSM/UMTS
Frequency bands	800/900/1800/2100 MHz
Bandwidth	-
Gain	5-9 dBi
VSWR	<1.9:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	453.7 x Ø 70 mm
Weight	294 ± 5 g
Operating temperature	-20 to +85 °C
Execution	External
Method of attachment	Magnet mount
Cable type	LMR200
The cable length	3.5 m
Connector type	SMA(m)
Certification	RoHS

DRAWING

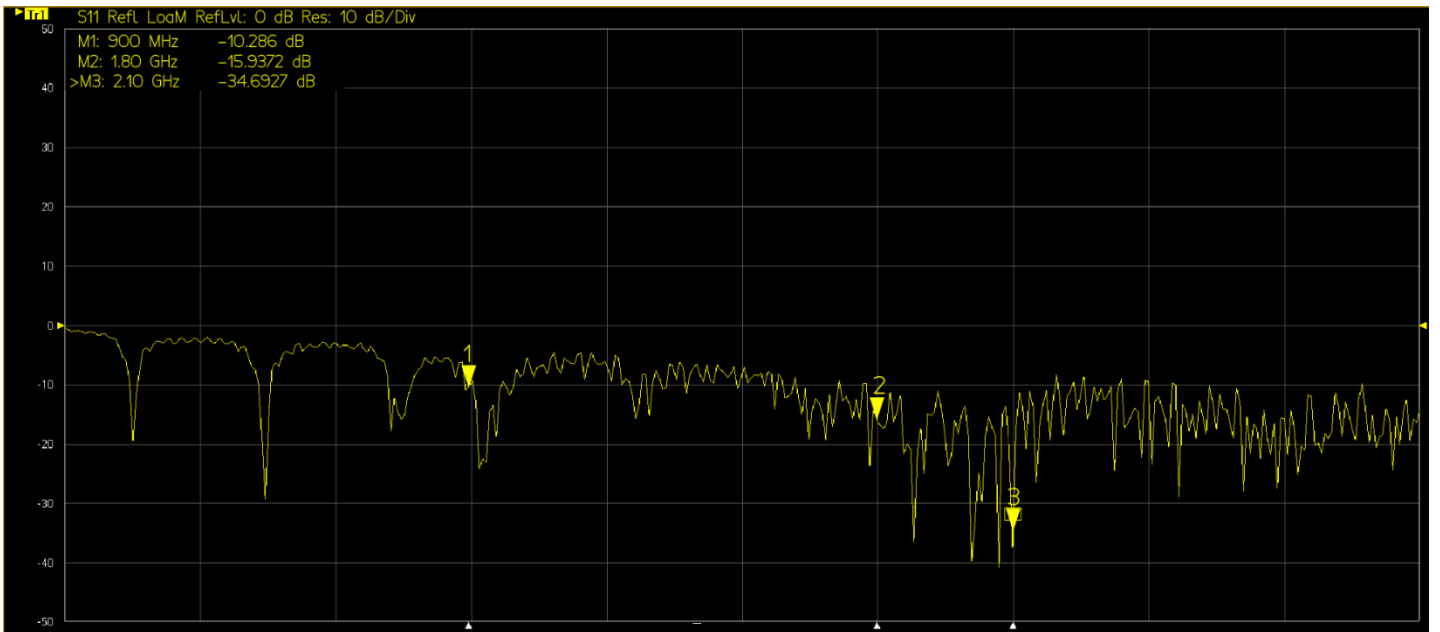


Units: mm

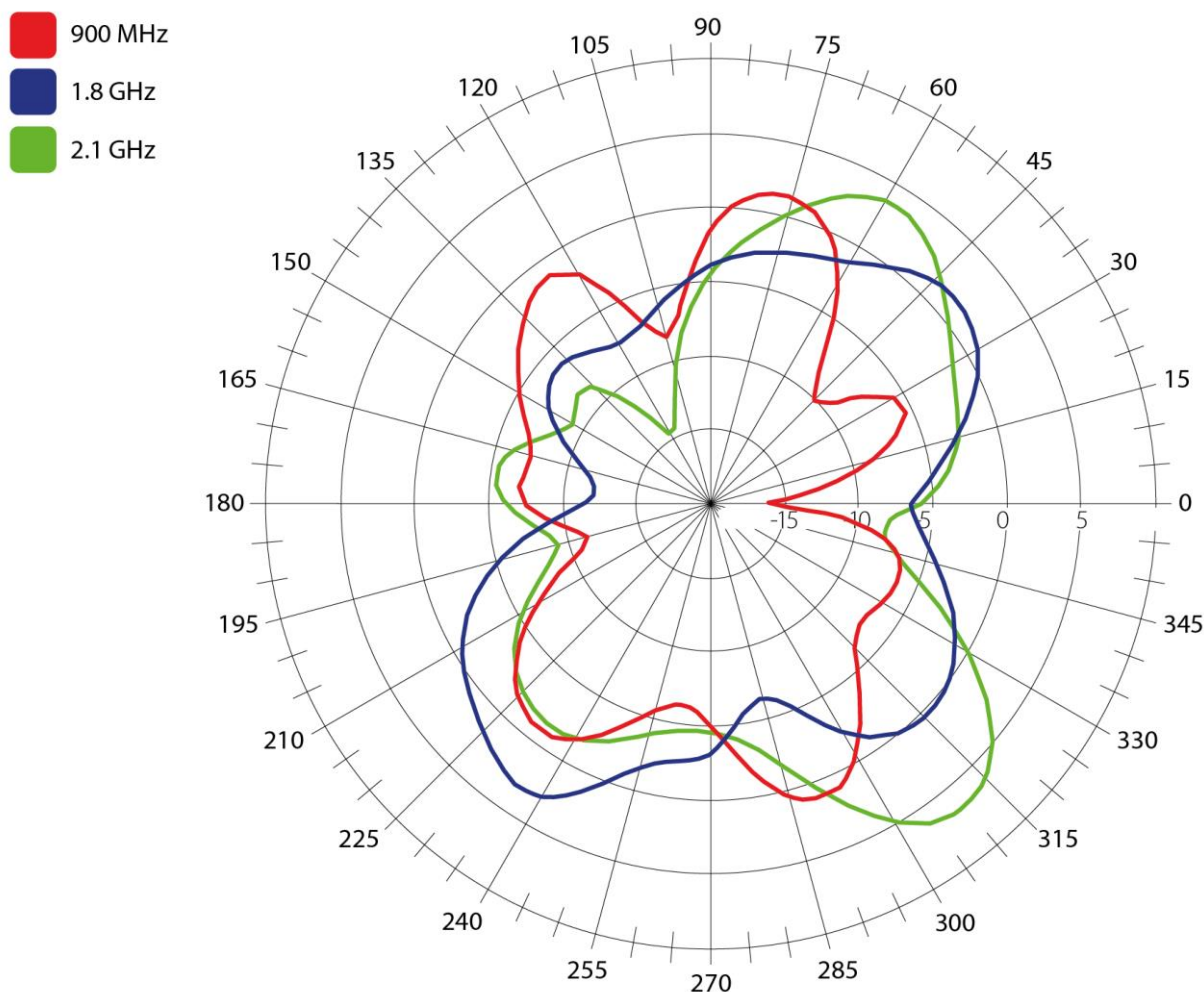
VSWR – STANDING WAVE RATIO [-]



S₁₁ – RETURN LOSS [dB]



RADIATION PATTERN – 2D CHART



SUMMARY

Frequency [MHz]	Return Loss [dB]	VSWR	Efficiency [%]	Gain [dBi]
900	-10.28	1.90	52	1.33
1800	-15.93	1.37	66.68	3.27
2100	-34.69	1.07	80.17	6.67

ALL VARIANTS

Alternative cable types and various cable lengths and connectors are available upon request.

CONTACTS

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