



GSM/UMTS ANTENNA

Antenna GSM/UMTS Magnet Mount
50, 5 dBi, SMA(m), RG174/3m

AO-AGSM-MG5S

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 VSWR
- Easy installation
- Gain

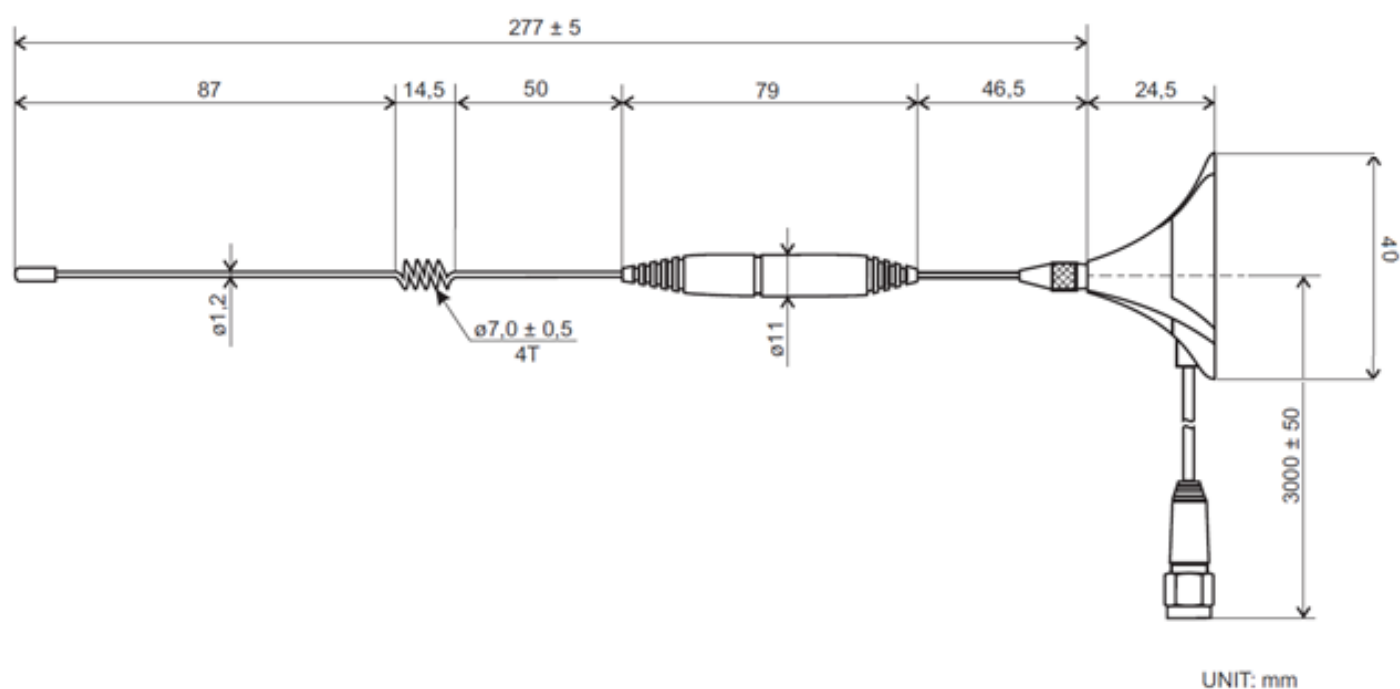


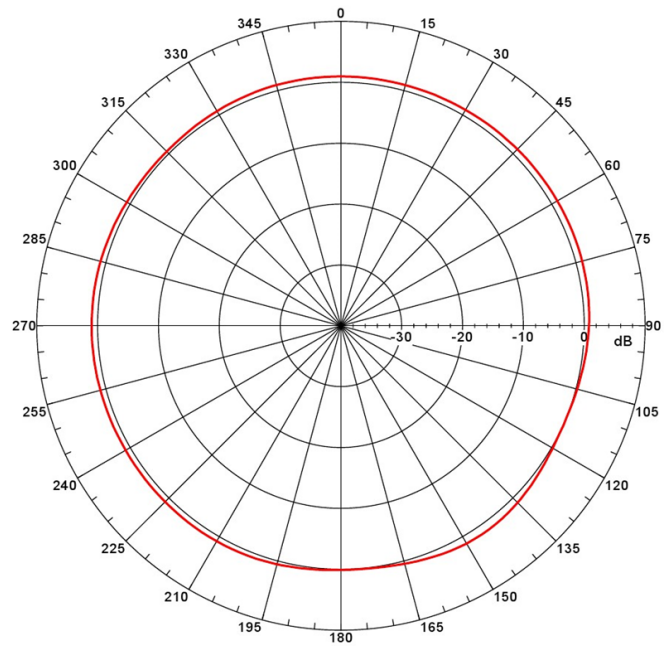
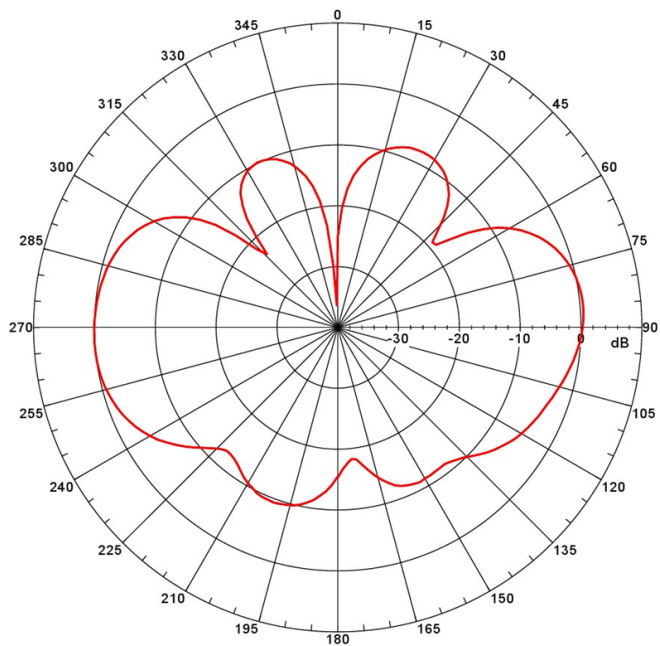
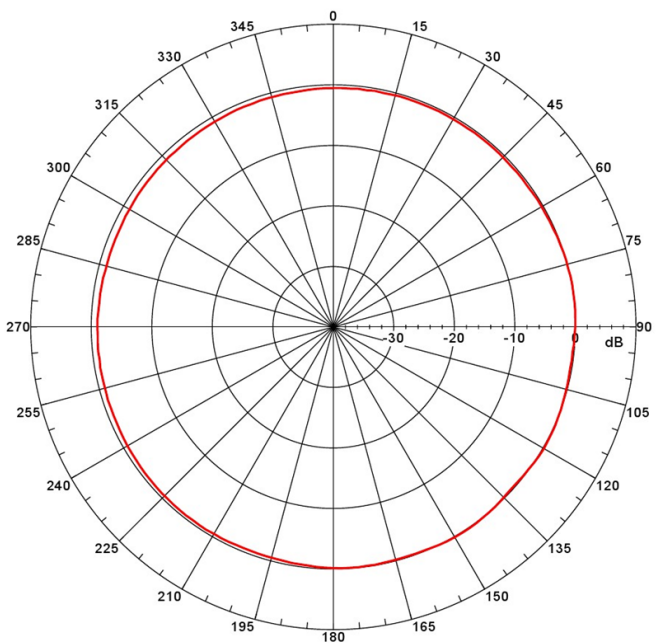
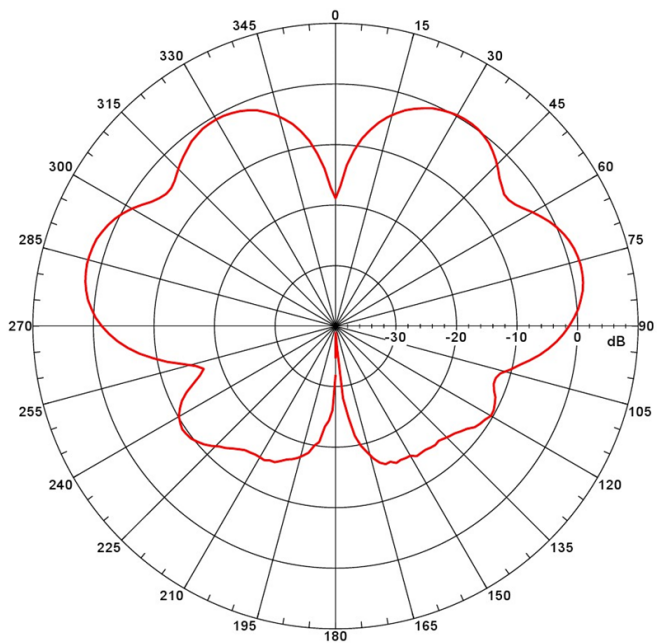
FEATURES

AO-AGSM-MG5S

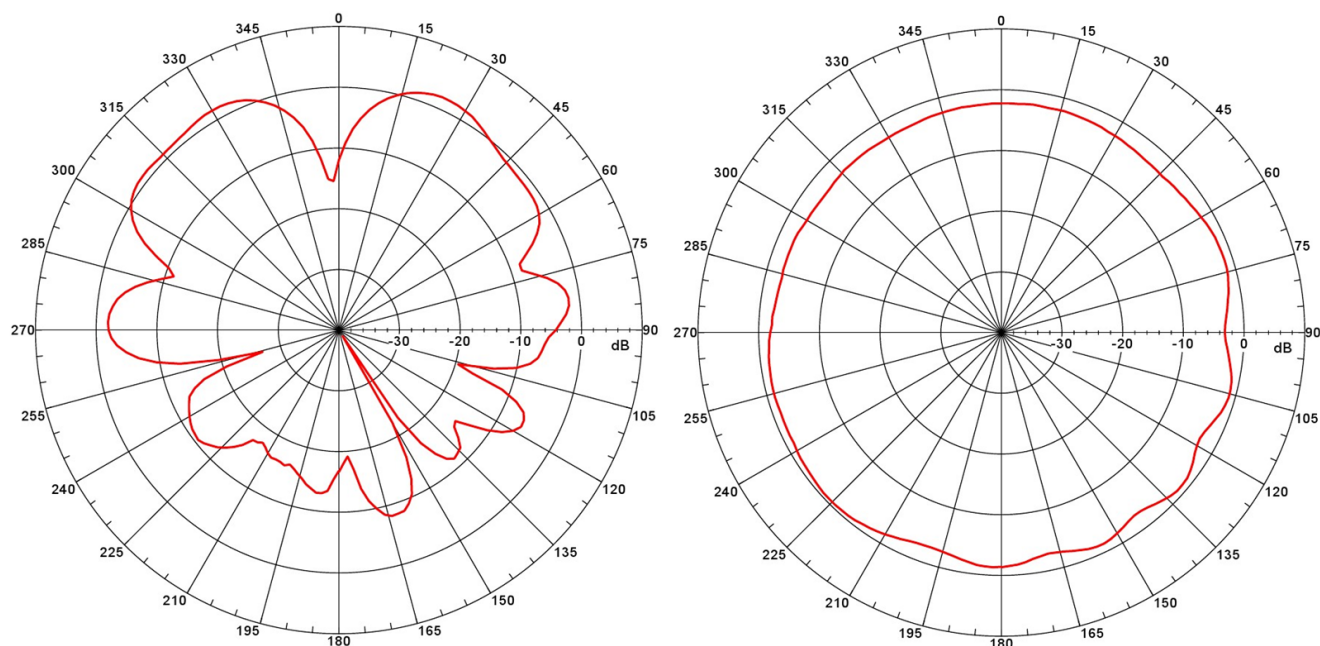
Technology	GSM/UMTS
Frequency bands	900/1800/1900/2100 MHz
Bandwidth	-
Gain	5 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	Ø40 x 301.5 mm
Weight	57 g
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Magnetic
Cable type	RG174/U
The cable length	3 m
Connector type	SMA(m)
Certification	RoHS, ISO9001, ISO14001

DRAWING



RADIATION PATTERN - E-plane/H-plane (900 MHz)**RADIATION PATTERN - E-plane/H-plane (1800 MHz)**

RADIATION PATTERN - E-plane/H-plane (2100 MHz)



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Gain [dBi]
900	-10.74	1.81	1.1
1800	-19.00	1.25	2.6
2100	-12.71	1.60	3.2

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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