



# GSM ANTENNA

Antenna GSM Magnet Mount 25,  
3 dBi, FME(f), RG174/3m

AO-AGSM-MG2F

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

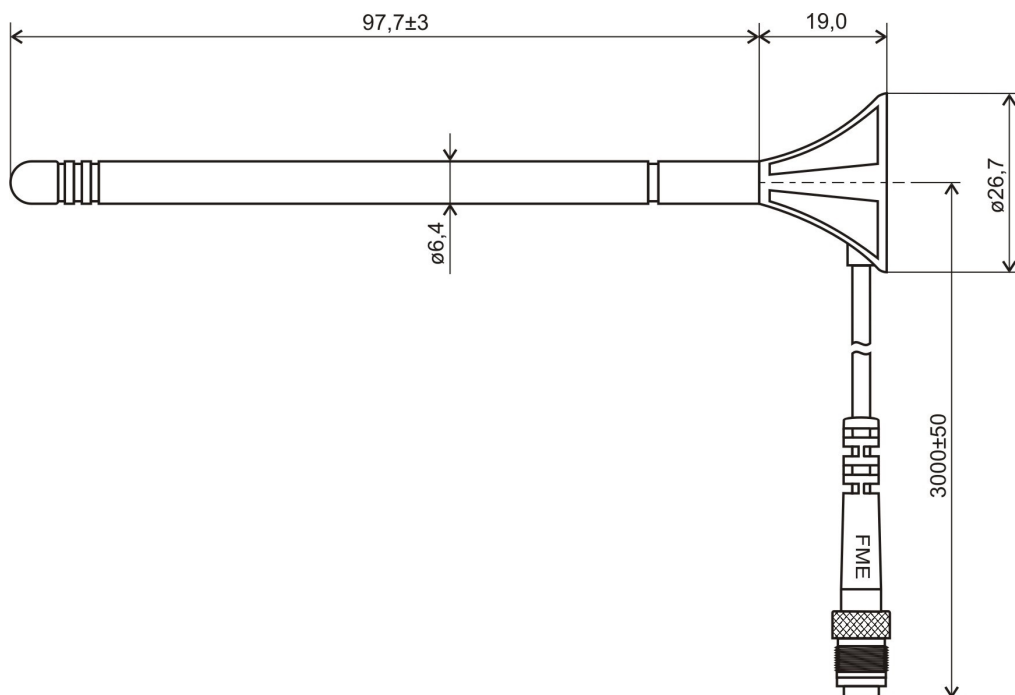
- Easy installation
- Omnidirectional

## FEATURES

AO-AGSM-MG2F

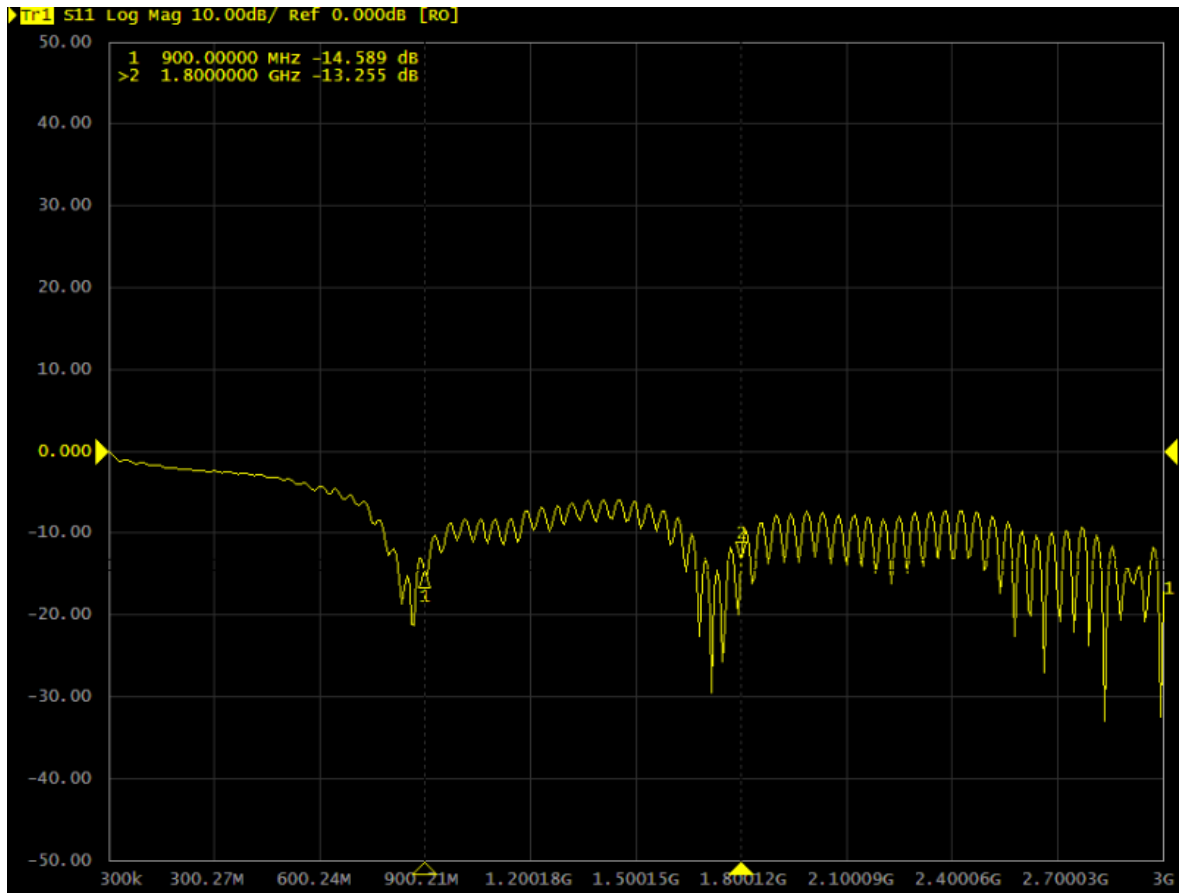
Technology	GSM
Frequency bands	900, 1800 MHz
Bandwidth	-
Gain	2.88 dBi
VSWR	<1.55:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	∅26.7 x 116.7 mm
Weight	45 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnet Mount
Cable type	RG174/U
The cable length	3 m
Connector type	FME (f)

## DRAWING

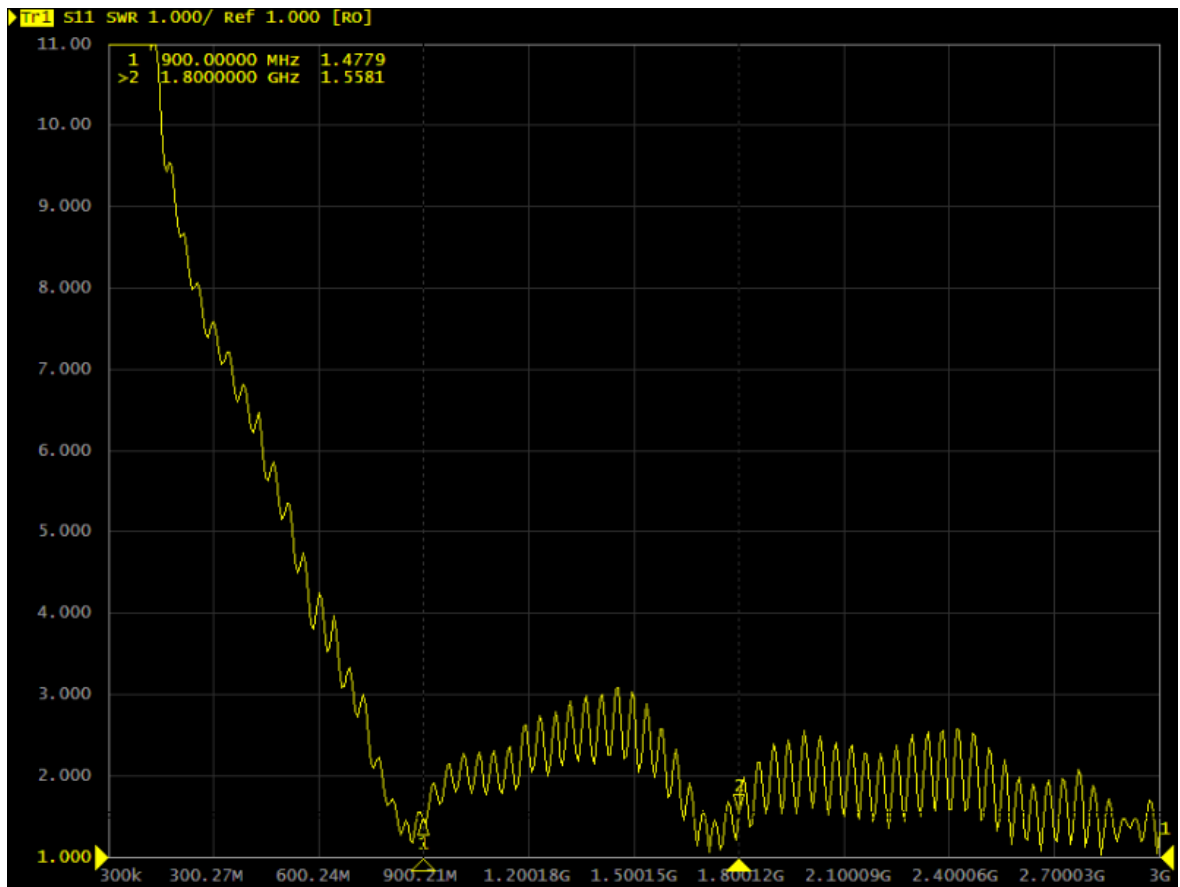


UNIT: mm

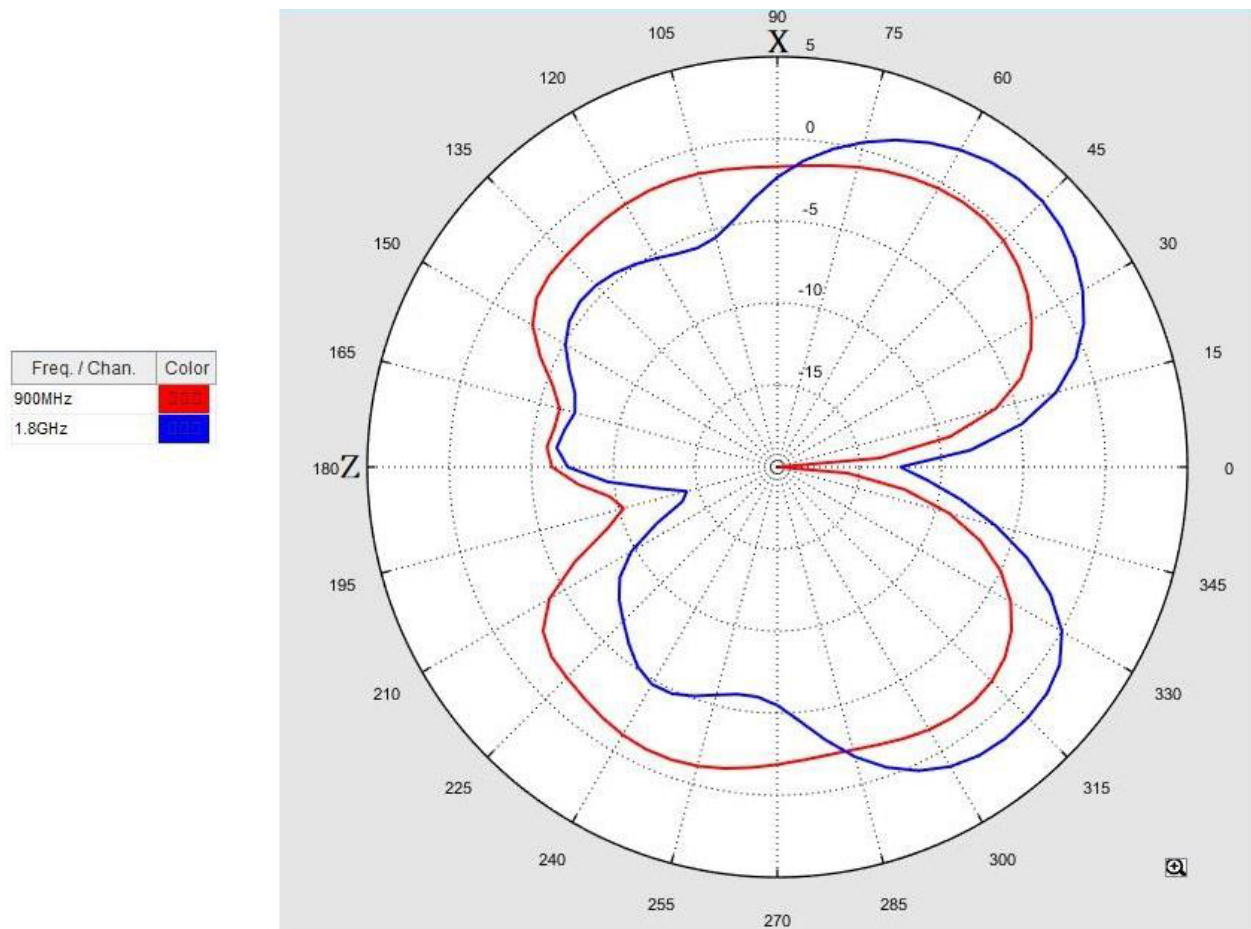
$S_{11}$  - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



## RADIATION PATTERN - 2D



## SUMMARY

AO-AGSM-MG2F

Frequency [MHz]	$S_{11}$ [dB]	VSWR [-]	Gain [dBi]
900	-14.58	1.47	-0.04
1800	-13.25	1.55	2.88

## VARIANTS

AO-AGSM-MG2F

Different connector variants or cable lengths are available on request.

## CONTACTS

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