



GSM ANTENNA

Antenna GSM Mount R36, PUK,
RG174/30cm, SMA(m)

AO-AGSM-36S030

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

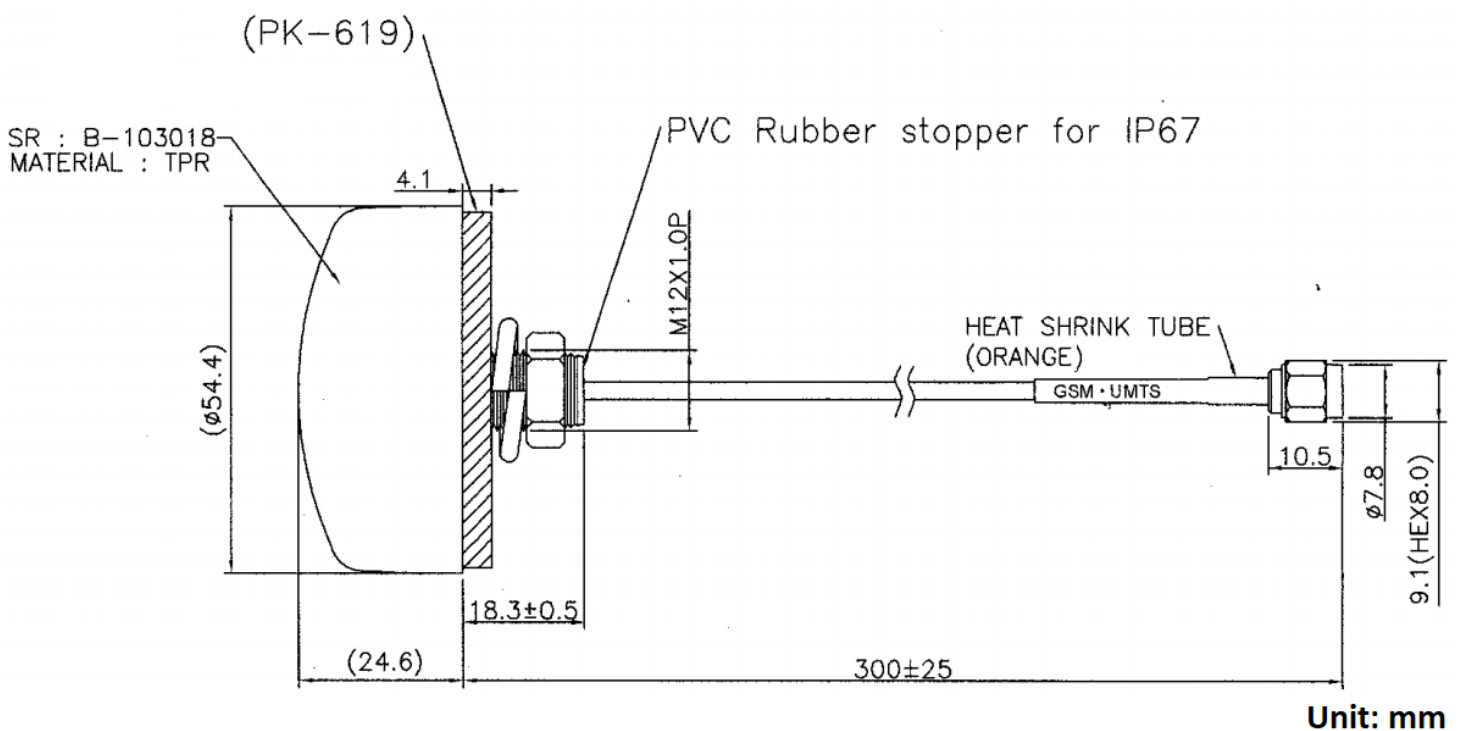
- Mounting antenna
- Wide-band antenna
- Optimized radiation pattern

FEATURES

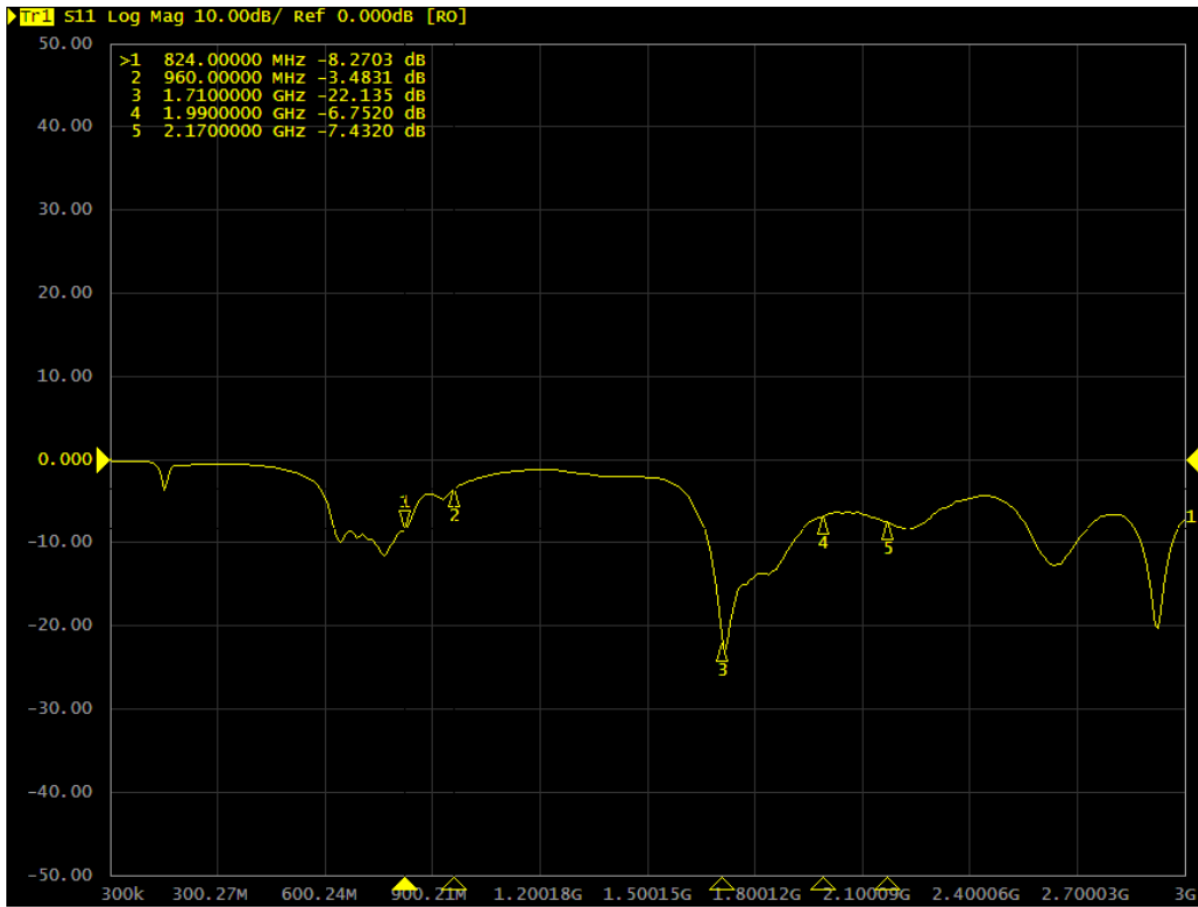
AO-AGSM-36S030

Technology	GSM
Frequency bands	900/1800/2100 MHz
Bandwidth	<135 MHz
Gain	6.8 dBi
VSWR	<3.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	∅ 54.4 x 47 mm
Weight	88.44 g
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Mounting
Cable type	RG174/U
The cable length	0.3 m
Cable connector type	SMA(m)
Material	TPR
Certification	RoHS, ISO9001, ISO14001

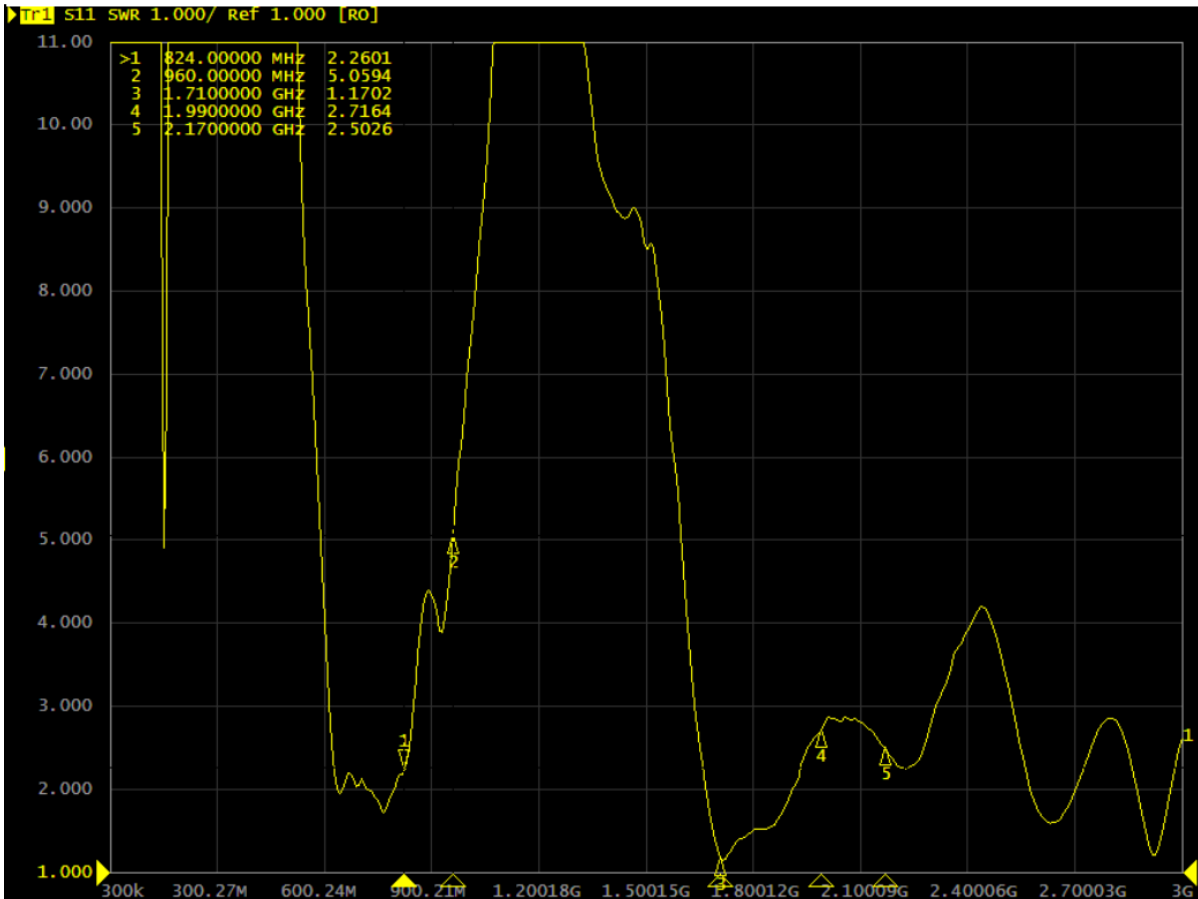
DRAWING



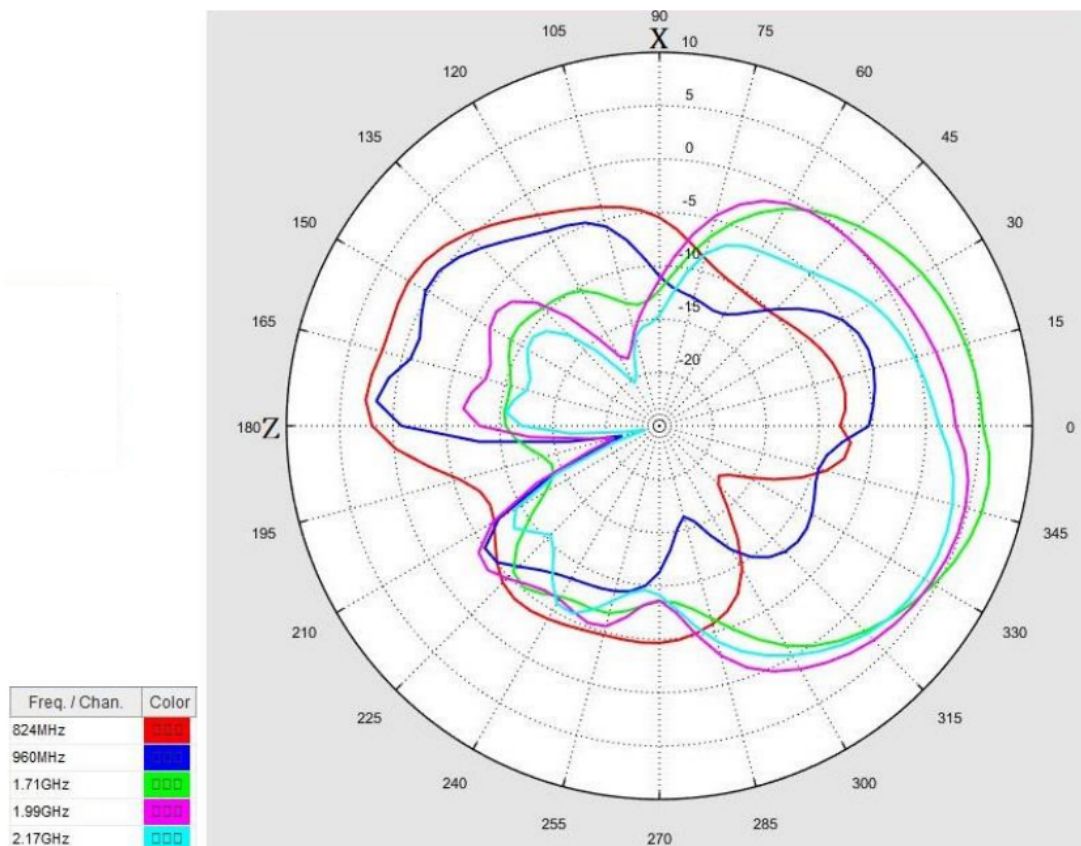
S_{11} - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



2D radiation patern [-]



SUMMARY

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
824	-8.27	2.26	46.03	2.64
960	-3.48	5.05	24.77	0.34
1710	-22.13	1.17	68.71	6.78
1990	-6.75	2.71	60.53	4.78
2170	-7.43	2.50	37.33	3.72

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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