



GSM/UMTS ANTENNA

Anténa GSM/UMTS

Magnetic 50, 5 dBi, SMA(m),
RG174/3m

AO-AGSM-MG5S

SECTRON company offers a wide portfolio of GSM/UMTS/LTE 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.

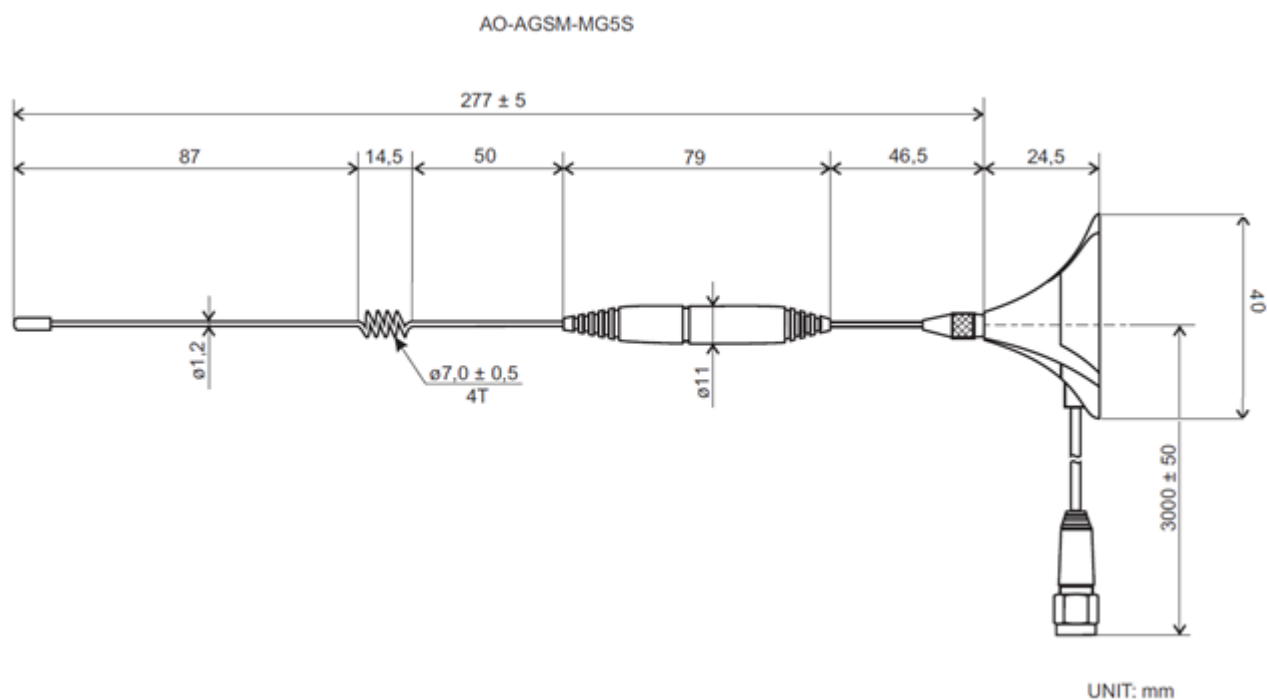


BENEFITS

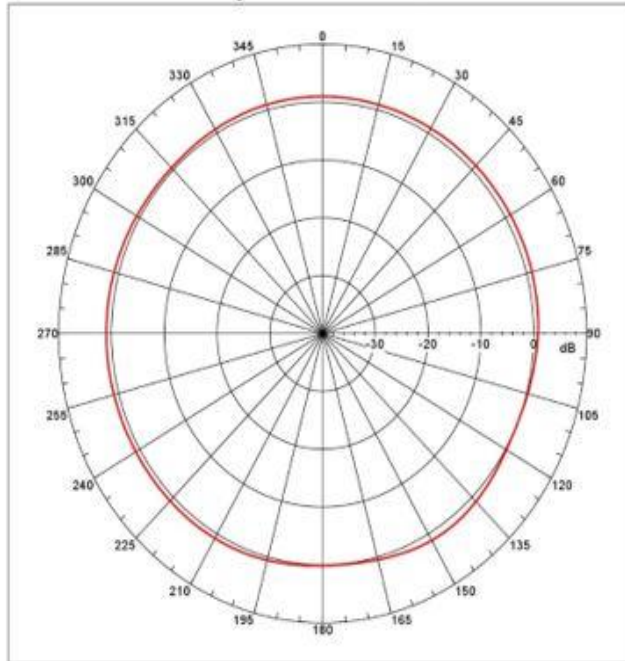
- Low VSWR
- Easy installation
- Omnidirectional – suitable for moving devices

Technology	GSM/UMTS
Frequency bands	800/900/1800/1900/2100 MHz
Bandwidth	-
Gain	5 dBi
VSWR	<1.8:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H-360°, V-30°
Polarization	Vertical
Maximum input power	10W
Power voltage	-
Dimensions	40 x 300 mm
Weight	57 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnetic
Cable type	RG174 / U
The cable length	3 m
Connector type	SMA(m)

DRAWING



Far-field amplitude of C03+MT04-H.nsi



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Far-field amplitude, Optimized: Linear, Test = 1.000 deg
Gain = 1.97434 dB
Min Far-Field (p00a1) = -46.19536 dB, Max Far-Field (p00a1) =
+46.19536 dB
Excitation: Reference, Relative offset = 0.000 dB
Power at 1dB offset: 0dB, 0.000 dB
Peak direction: 0a
C03+MT04-H
#1110001 PA 0.120, Plotname: C:\Programs\Bentley\Bentley\Bentley20
12\WORK\CD\CD04\MT04\CD04+MT04-H.nsi
Measurement Date/Time: 1/16/2014 8:05:13 AM, Filetype: NSI-VT
Far-Field Gain Absolute:
Avg value: 0.781 dB
-5 dB beam width: Not Found
-10 dB beam width: Not Found
-15 dB beam width: Not Found
Left Sidelobe: -8.30 dB at 71.828 deg
Right Sidelobe: Not Found
Far-Field Scaling Factor:
Amount: 0dB
Gain = 205.000dB, Ref. Center = 0.000 deg, #pts = 181
Dens1 = 100.00001 deg, Dens2 = 100.00001 deg, Scale = 1.000
deg
Elevation (deg)
Center = 0.000 deg, #pts = 1
Selected Azimuth: 1 of 0
Beam Property Absolute Elevation Pol
Gain Property Absolute Elevation Pol
1 0.999 dB Absolute Elevation ElgntPol

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Different connector variants or cable lengths are available on request.

CONTACTS

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