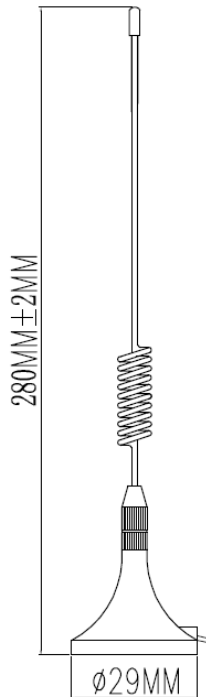


Fiche Technique

Antenne GSM 3G Magnétique

1 Dimensions



2 Caractéristiques Electriques

Fréquence (MHz)	824~896MHz/1710~1990 MHz
V.S.W.R (inBW)	≤2.0 : 1
Gain (Zenith)	5dB
Polarization	Vertical
Impedance	50Ω
Max Power	50W
Radiation	All Directional
Lightning Protection	DC Grounding
Operating Temp. range	-40°~80°

3 Reliability
Condition : Temperature: 40±5°C
Load: DC=5V±0.5 V
Quantity: 2000pcs
Sustained Time: 480h

4 Environmental Specifications
Condition :
Post Environmental Tolerance (Refer to the form 1)
Temperature range 25±3°C
Relative Humidity range 55~75%RH
Operating Temperature range -40°C~+85°C
Storage Temperature range -40°C~+100°C

5.1 Moisture Proof
The device should satisfy the electrical characteristics specified in form 1 after exposed to the temperature 40±2°C and the relative humidity 90~95% RH for 96 hours and 1~2 hours recovery time under normal condition.

5.2 Vibration Resist
The device should satisfy the electrical characteristics specified in form 1 after applied to the vibration of 10 to 55Hz with amplitude of 1.5mm for 2 hours each in X, Y and Z directions.

5.3 Drop Shock
The device should satisfy the electrical characteristics specified in form 1 after dropping onto the hard wooden board from the height of 30cm for 3 times each facet of the 3 dimensions of the device.

5.4 High Temperature Endurance
The device should satisfy the electrical characteristics specified in form 1 after exposed to temperature 80±5°C for 24±2 hours and 1~2 hours recovery time under normal temperature.

5.5 Low Temperature Endurance
The device should also satisfy the electrical characteristics specified in form 1 after exposed to the temperature -40°C±5°C for 24±2 hours and to 2 hours recovery time under normal temperature.

5.6 Temperature Cycle Test
The device should also satisfy the electrical characteristics specified in form 1 after exposed to the low temperature -25°C and high temperature +85°C for 30±2 min each by 5 cycles and 1 to 2 hours recovery time under normal temperature.

3 Caractéristiques Mécaniques

Cable	RG174 3m
Connector	SMA mâle
Plastic Housing	Black
Height	280 mm
Max diameter	29 mm