

ANTENNA GSM 3DB 10CM



Antenna GSM 880~960/1710~2170MHz 2dBi Right-Angled SMA Male Connector

Omni directional dipole antenna: Radiates signal with a beam of 360 degrees; also receives signal from 360 degrees around it.

Compatibility with wireless standards & applications: This [omni directional antenna's](#) range of frequency band compatibility in the 800 MHz to 1800 MHz [frequency band range](#), its low broadband VSWR, and [impedance matching to 50 Ohm](#) gear, makes it suitable and compliant for all the following applications.

- LTE / 4G & GSM / 3G: Broadband design for [4G / LTE](#) and [3G / GSM](#) systems; [4G networks](#)
 - [GSM is 3G wireless \(Global System for Mobile Communication\)](#).
- 900MHz ISM Band. Can also be made to operate on other VHF and UHF frequencies within the [ISM frequency bands](#).
 - Non Line of Sight (NLOS): 900 MHz band is best for passing through trees and forests.
- [IoT wireless](#) & [M2M](#): Compatible with many machine to machine communication applications, remote monitoring, and telemetry applications using [LTE-m](#) , [4G / LTE](#) , [3G / GSM](#) , [LoRa](#) , [Wi-Fi HaLow](#). (Compatible because it is [vertically polarized](#)).

Features & applications

- As access point antenna: Provides signal to clients in any direction (360-degree horizontal [beamwidth](#))
- As client antenna: Connect to an access point in any direction

Item		Specifications
Antenna	Frequency Range	800 / 1800Mhz
	Polarization	Linear
	Gain	3dBi (Zenith)
	V.S.W.R (min)	< 1.5
	Impedance	50Ω
	Connector	SMA Male
Environmental	Operating Temperature	-40°C~+85°C
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

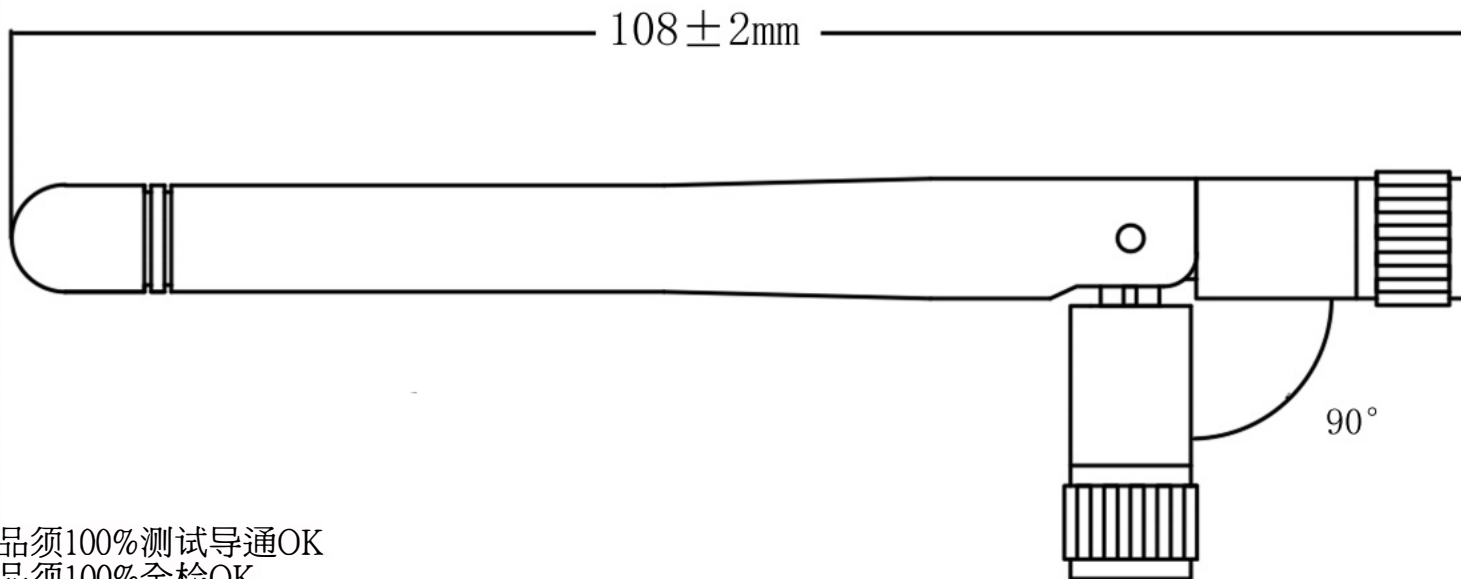
SMA Connector Characteristics and Details: .

- [SMA Characteristics and Key Information](#)
- [SMA Connector Materials Composition](#)

SMA male mounts directly onto SMA(female) connector of access point, [bridge](#), USB WiFi adapter, or booster. See other [magnetic bases](#) that fit this antenna and have antenna cables with other types of [connectors](#).

RoHS
Compliant

REV	DATE	DESCRIPTION	NAME
A1			
A2			



要求：

1. 成品须100%测试导通OK
2. 成品须100%全检OK.
3. 采用环保制程.成品
4. 符合ROHS要求.
接头拉力：1.5KG~
5. 未注公差请以一般公差为准.

频率范围 Frequency Range	800-1800MHz
输入阻抗 Impedance	50 OHM
驻波比 VSWR	<1.5
增益 Gain	3DBI
极化 Polarization	垂直
方向性 Radiation	全向

8	铜线	3DB	1	1702-0100
7	五金件	孔1.1*4.1*6.8*23-WHITE	1	1701-0069
6	线 材	1.13灰-48-锡-FEP L=142mm	1	1301-0012
5	橡胶外套	3DIB-BLACK-L108	1	1201-0017
4	橡胶上座	3DIB-BLACK-出线	1	1201-0016
3	压钉	3DIB-BLACK	1	1201-0015
2	橡胶下座	3DIB-BLACK-出线	1	1201-0014
1	...	20278-112R-13-插头	1	1113-0004
NO.	NAME	Description	Q' TY	Part No.

一 般 公 差	0~1	±0.1
	1~10	±0.3
	11~30	±0.5
	31~100	±0.8
	101~300	±1.0
圖 法	301~	±2.0
	ANGULAR	±1°



品名规格 (PRODUCT NAME)				GSM小折叠天线			
料 号 (PART NAME)				GDT030-0003			
客户料号 (CUS PART NAME)							
绘 图 (DRAW)		NELR		版 本 (REV)		A1	
审 核 (CHECK)		CHEM		日 期 (DATE)		2013-6-5	
核 准 (APP.)		JERL R		页 码 (PAGE)		1/1	