



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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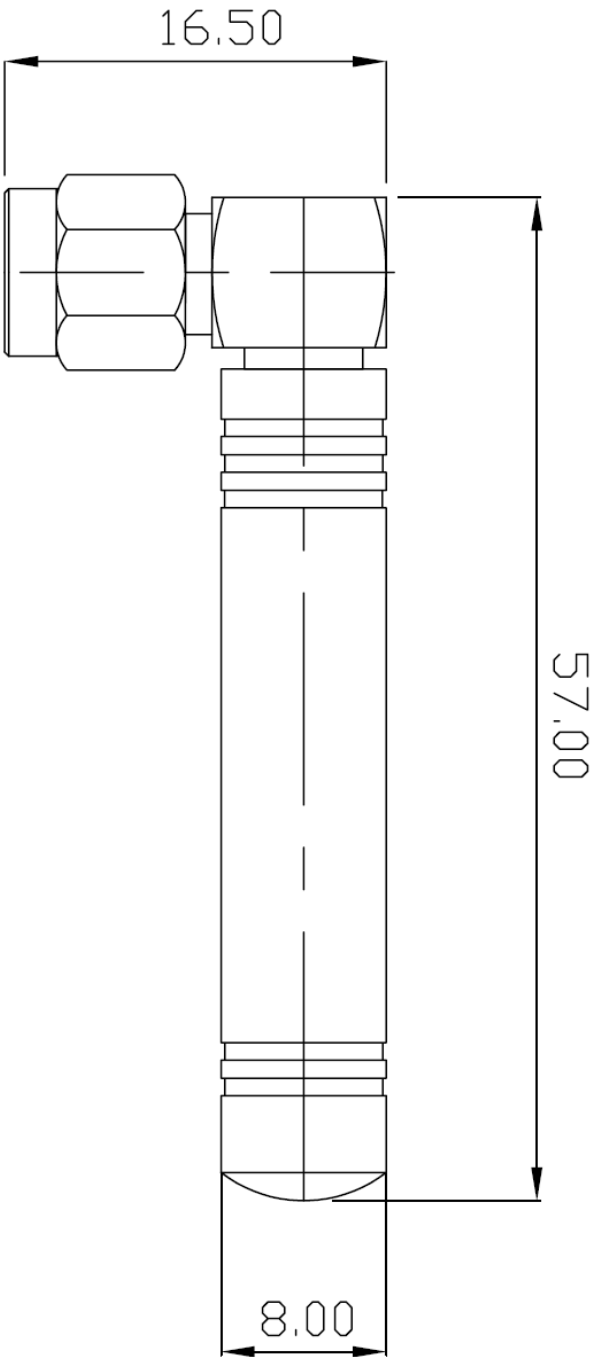
GSM 850/900/1800/1900/2100MHz 2dBi FOR SMA MALE R/A



Specifications/Special Features :
Global System for Mobile Communication
850/900/1800/1900/2100 MHz phone antenna,
Broadband design for GSM/UMTS/WCDMA
systems.

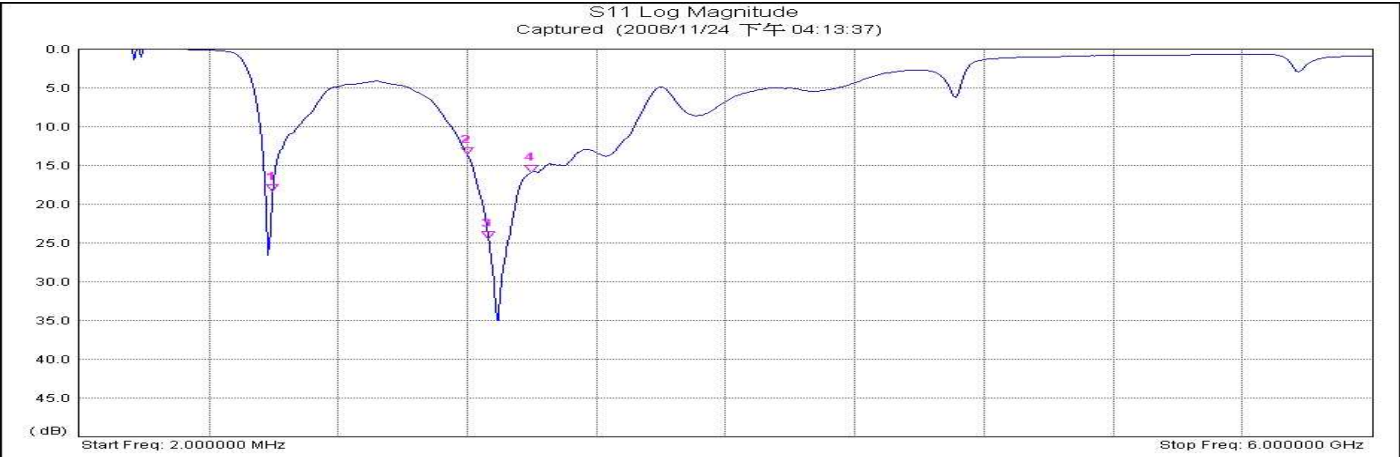
Specification	
Model No.	GSM-02-SMRA
Frequency	850/900/1800/1900/2100 MHz
Gain	2 dBi
V.S.W.R	$\leq 2:1$
Polarization	Vertical
Connector	SMA Male Right Angle (Option)
Impedance	50 Ω
Operation temperature	-20°C ~+60°C
Storage temperature	-30°C ~+75°C
Dimensions	L57 x W16.5 x H8 mm

GSM-02-SMRA	850/900/1800/1900/2100MHz 2dBi FOR SMA MALE R/A
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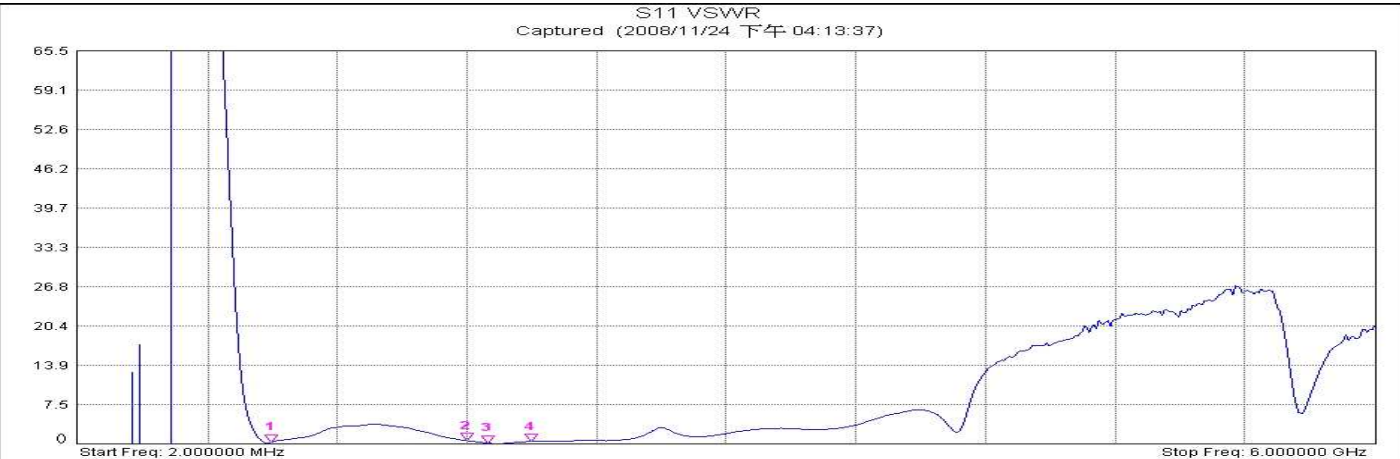
SMA MALE RIGHT ANGLE

1	FREQUENCY : 850/900/1800/1900/2100 MHz	6	IMPEDANCE : 50 Ω
2	GAIN : 2dBi	7	
3	V.S.W.R : <=2:1	8	
4	LENGTH : 57 mm	9	
5	CONNECTOR : SMA MALE R/A (Option)	10	



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	896.2473 MHz	18.38 dB	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	1.8014 GHz	13.60 dB	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	1.8995 GHz	24.43 dB	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	2.0958 GHz	15.93 dB	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

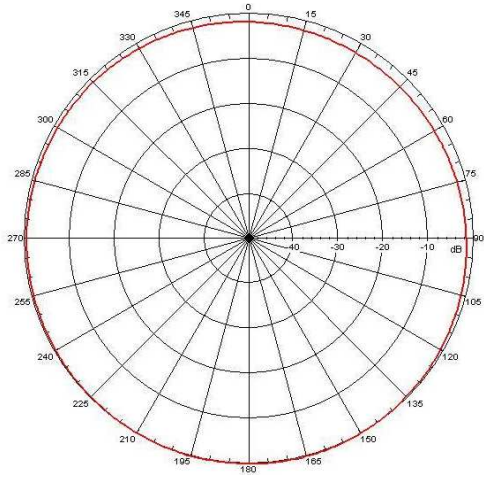
Measurement Parameters			
Calibration Status	On	Ref. Plane Leng	0
Cal Mode	Standard	Serial Number	651009
Data Points	551	Base Ver.	V1.48
Output Power	High	App Ver.	V1.48
Start Frequency	2.000000 MHz	Date	11/24/2008 4:13:37 PM
Stop Frequency	6.000000 GHz	Device Name	
Smoothing %	0		



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	896.2473 MHz	1.27	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	1.8014 GHz	1.53	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	1.8995 GHz	1.13	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	2.0958 GHz	1.38	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Measurement Parameters			
Calibration Status	On	Ref. Plane Leng	0
Cal Mode	Standard	Serial Number	651009
Data Points	551	Base Ver.	V1.48
Output Power	High	App Ver.	V1.48
Start Frequency	2.000000 MHz	Date	11/24/2008 4:13:37 PM
Stop Frequency	6.000000 GHz	Device Name	
Smoothing %	0		

H-PLANE



E-PLANE

