

PRODUCT SPECIFICATION

MODEL : HGD-3

(Dual : G.P.S & Cellular)



HANKOOK ANTENNA CO., LTD.

ANTENNA SPECIFICATION

MODEL : HGD-3

(DUAL :G.P.S & Cellular)

SPECIFICATIONS		G.P.S	Cellular
E L E C T R I C A L	FREQUENCY	1575.42MHz (L1 BAND)	824 ~ 894 MHz
	GAIN	5 dBi	2 dBi
	V.S.W.R	LESS THAN 2.0	LESS THAN 2.0 (free space)
	IMPEDANCE	50 Ω	50 Ω
	POLARIZATION	RHCP	Linear
	Max. Input Power		50W
	LNA	Gain : 26 $\pm$ 2 dB Noise Figure : 2.0dB (max) Voltage : DC 5 V($\pm$ 10%) Current : 20mA (max)	

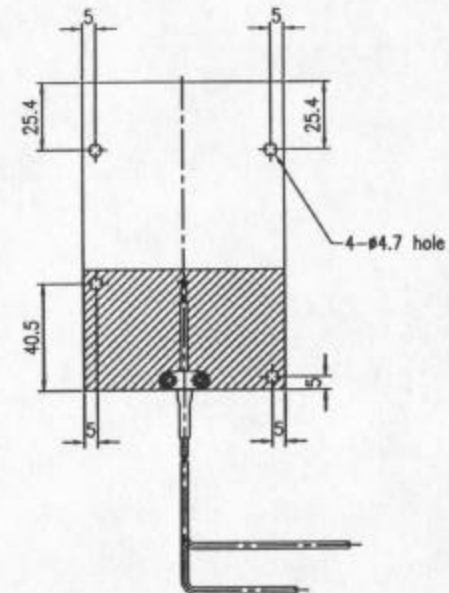
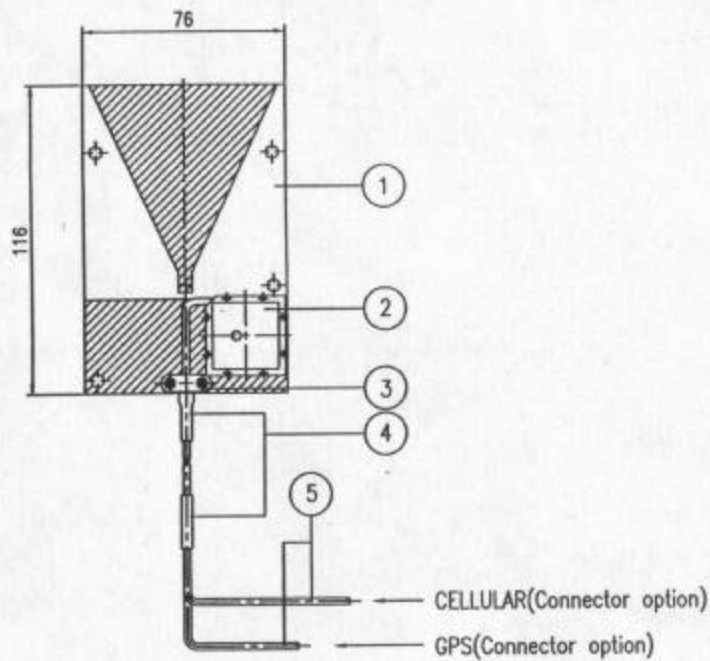
SPECIFICATIONS		G.P.S	Cellular
M E C H A N I C A L	CONNECTOR	SMA (MALE) [Option]	SMA (MALE) [Option]
	CABLE	1.5D-2V 3000mm $\pm$ 50 [Option]	1.5D-2V 3000mm $\pm$ 50 [Option]
	PCB	Epoxy(1.6t)	
	Finish	Spray(Black color)	
	Operating Temperature	-30° ~ +70°C	
	DIMENSIONS	116 x 76 x 15	
	WEIGHT	220g	

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Satena®

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REV. NO.	DESCRIPTION	DATE
1		
2		
3		
4		

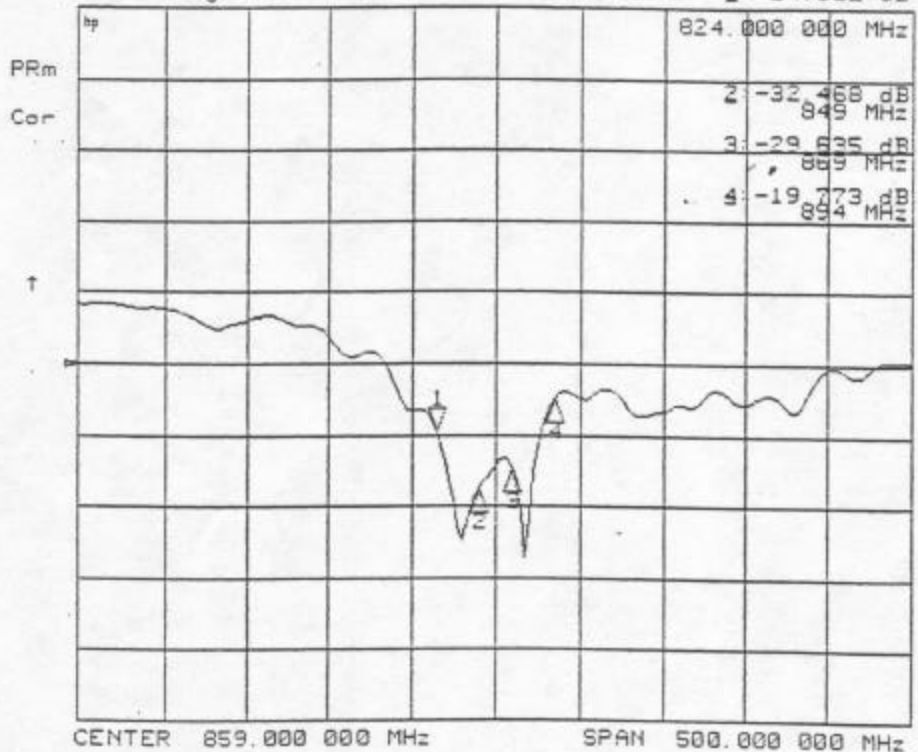


5	CABLE(Optional)	3.0m(2EA)		
4	SHRINKABLE TUBE			
3	CABLE FIXED PLATE			
2	GPS ANT.			
1	PCB TYPE ANT.	EPOXY(1.6t)		
NO.	PARTS NAME	MATERIAL	FINISH	CODE NO.

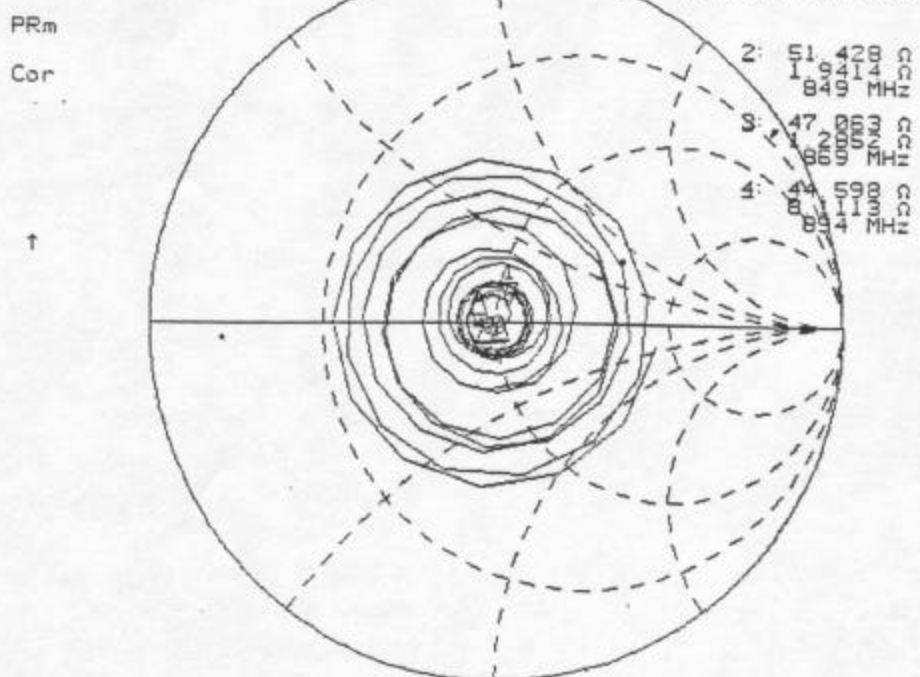
NOTE	TOL. UNLESS NOTED X = ±1 XX = ±0.5		UNIT	mm	TITLE	HGD-3
DRAWN	M. Y. KIM	CHECKED	FILE NAME	HGD-3	ORDER CO.	
REV. NO.	0	APPROVED	DATE	2000.11.15	DWG. NO.	HGD-3

✧ Hwankook Antenna Co., Ltd

11 Nov 2000 10:29:55
 CH1 MEM log MAG 10 dB/ REF -15 dB 1: -24.552 dB



CH1 MEM 1 U FS 1: 53.711 Ω 11 Nov 2000 10:25:47
PRm 4.8945 Ω 945.37 pH
Cor 824.000 000 MHz



CENTER 859.000 000 MHz SPAN 500.000 000 MHz

CH1 MEM SWR 1 / REF 1 11 Nov 2000 10:31:32 1: 1.1259

