

Preliminary
SPECIFICATION



GSM 850 Quad Band Main Antenna

Part No. : AMMAQ001

February 28, 2008

Notes

The contents of this data sheet are subject to change without notice. Please confirm the specifications and delivery conditions when placing your order.

1. SPECIFICATIONS

1.1. Electrical Specifications

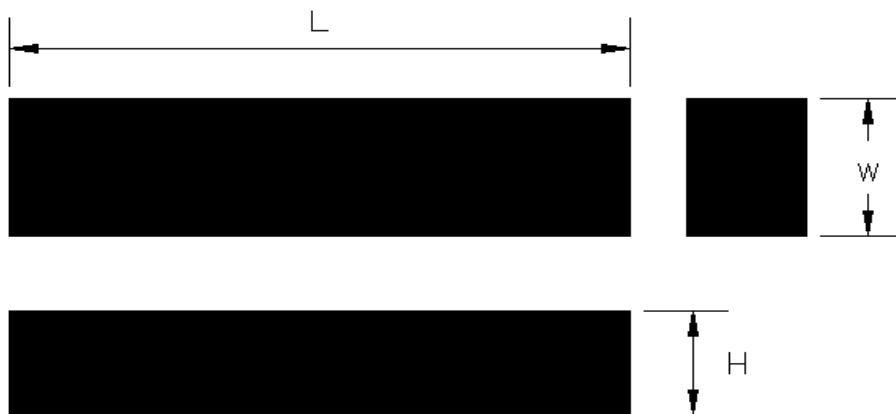
ITEM	GSM 850	DCS	PCS	UMTS
Frequency	824~894MHz	1710~1850MHz	1850~1990MHz	1920~2170MHz
Peak Gain	0.97dBi	5.09dBi	5.25dBi	4.76dBi
Eff. [%] @Min	60.22%	77.22%	71.34%	55.04%
VSWR	4.0 : 1 max			
Polarization	Linear			
Azimuth Beam Pattern	Omni-directional			
Impedance	50 Ω			

These values are measured on the matched reference test board.

1.2 . Mechanical Specifications

Electrode	Silver	
Dimensions (L x W x H)	24.0 x 5.5 x 4.4	mm
Operating Temperature	-35 ~ +85	

1.3 . Appearance and Dimensions



Unit : mm
Tolerance : ±0.15

L(Length)	24.0
W(Width)	5.5
H(Height)	4.4

