



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!



## Contact us

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### Key Features

- Adjustable mount
- SMA/SMA-RP male connector
- Compact size
- 5dBi gain
- 2.4 - 2.5GHz frequency

### General Description

The Siretta Delta 6B antenna is based on a 2008 redesign giving excellent performance in the 2.4 - 2.5GHz WiFi band.

Terminated with an SMA male or SMA-RP male connector, the unique knuckle adjusts through a 0 / 45 & 90 degree angle and swivels to ensure a vertical polarity when fitted to the radio module.

The radiating element consists of a two part design and is over moulded in black, high grade rubber giving a rugged, stylish finish.

The Delta 6B is a popular antenna for customers requiring a straightforward to fit, reliable product and is qualified and used with all of today's WiFi / Bluetooth or Zigbee products.

### Additional Considerations

- Antenna can be flexibly installed with equipment
- Fits to many popular terminal equipment
- The antenna does not rely on mounting on a metallic surface
- Meets EU compliance criteria for electronic goods

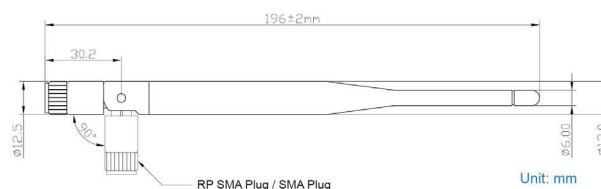
Rev 1.2

#### Key Specifications - Electrical

Temperature range:	-20 to +65°C
Storage temperature:	-30 to +75°C
Impedance (ohm):	50 ohm
Gain:	5 dBi
VSWR:	<2.0:1
Frequency range:	2.4 - 2.5GHz
Return loss:	-17.41 @ 2.4GHz (2) -10.71 @ 2.5GHz (3)
Certain direction:	Omni
Polarization:	Vertical

#### Key Specifications - Mechanical

Dimensions:	196 ± 2mm x 12.5 mm
Connector:	SMA/SMA-RP male
Mounting method:	Direct connect



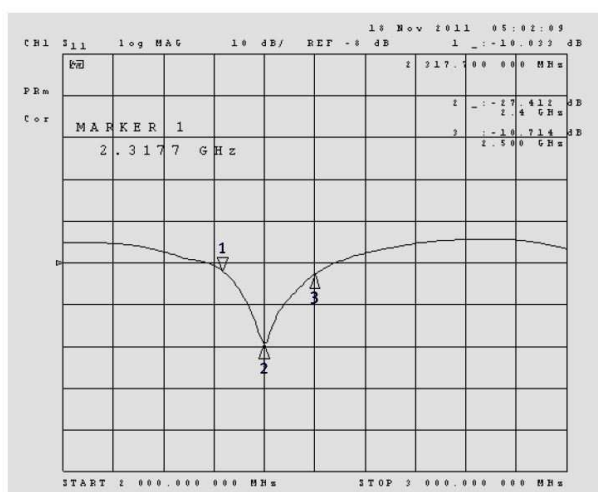
#### Gain

##### WiFi

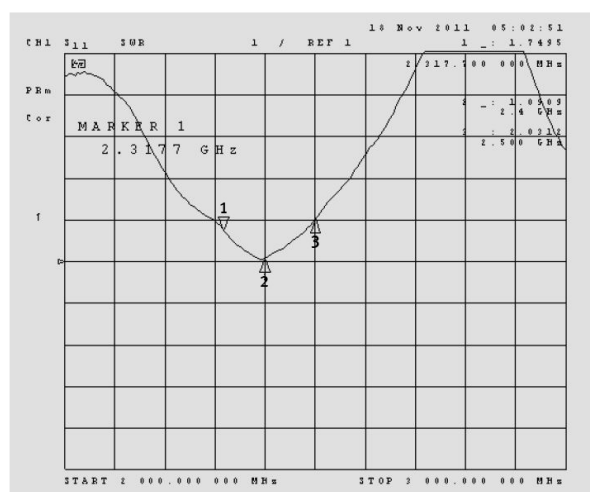
2400MHz	3.80dBi
2500MHz	3.56dBi

#### Test Reports

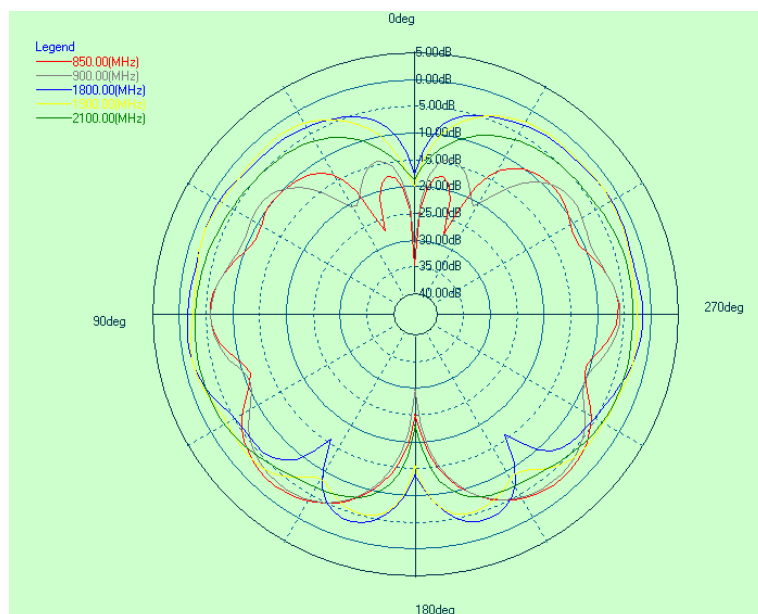
##### Return Loss



##### VSWR



## Gain vs. Frequency Graph



**UL Tested (Basingstoke, UK)**  
Part: DELTA6B/x/SMAM/S/S/11

## Ordering Details

Part Number	Description
DELTA6B/X/SMAM/S/S/11	2.4 - 2.5GHz Swivel Type Antenna, SMA Male Connector
DELTA6B/X/X/SMAM/RP/S/11	2.4 - 2.5GHz Swivel Type Antenna, SMA Male Reverse Polarity Connector