



### 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

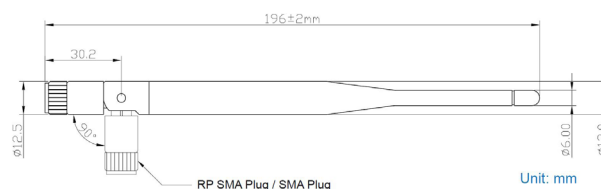
### Gain

#### WiFi

2400MHz	3.80dBi
2500MHz	3.56dBi

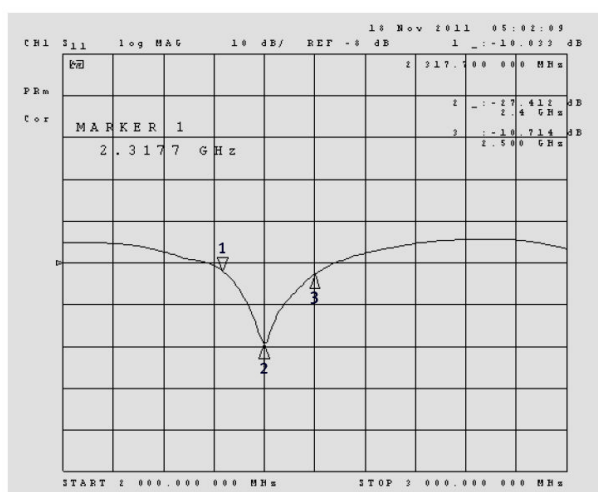
### Key Specifications - Mechanical

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

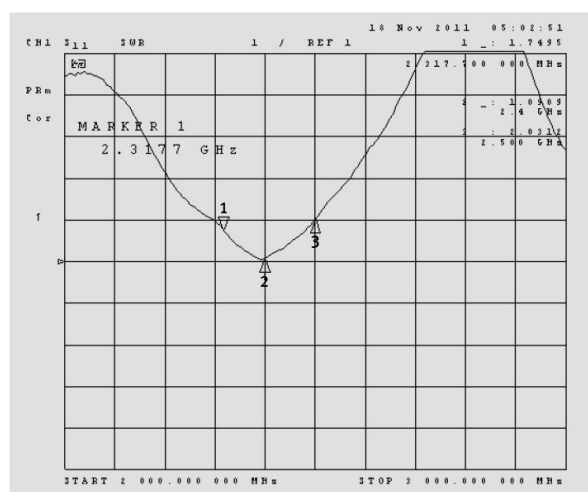


### Test Reports

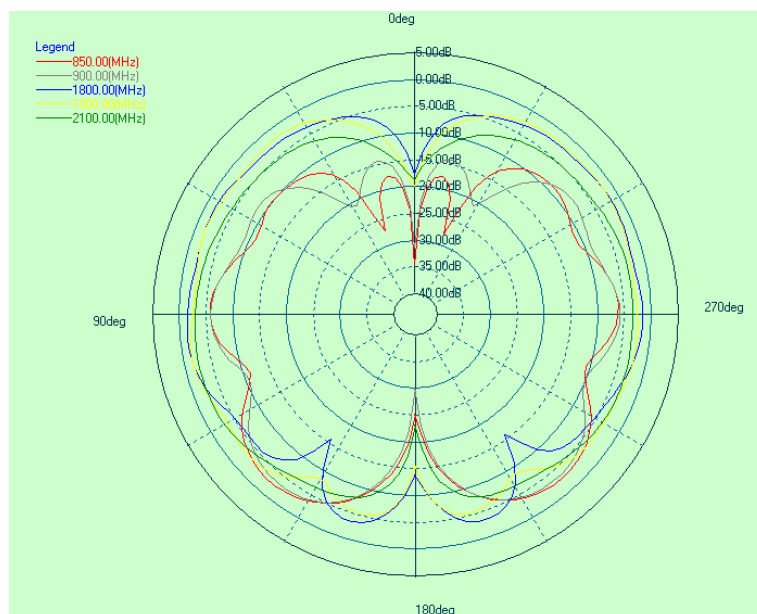
#### Return Loss



#### 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