



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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Key Features

- Adjustable mount
- SMA/SMA-RP male connector
- Compact size
- 5dBi gain
- 2.4/5.8GHz frequency range



General Description

The Siretta Delta 6C antenna is based on a 2008 redesign giving excellent performance in the 2.4GHz/5.8GHz WLAN bands.

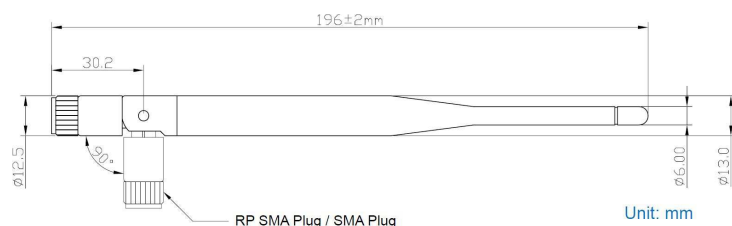
Terminated with an SMA/SMA-RP male connector, the unique knuckle adjusts through a 0 / 45 & 90 degree angle and swivels to ensure a vertical polarity when fitted to the radio module.

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 6C is a popular antenna for customers requiring a straightforward to fit, reliable product and is qualified and used with all of today's 802.11a, 802.11b, 802.11g, 802.11n WLAN requirements. The Delta 6C can be used for a wide range of point to point, point to multipoint architecture.

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 1.0

Key Specifications - Electrical

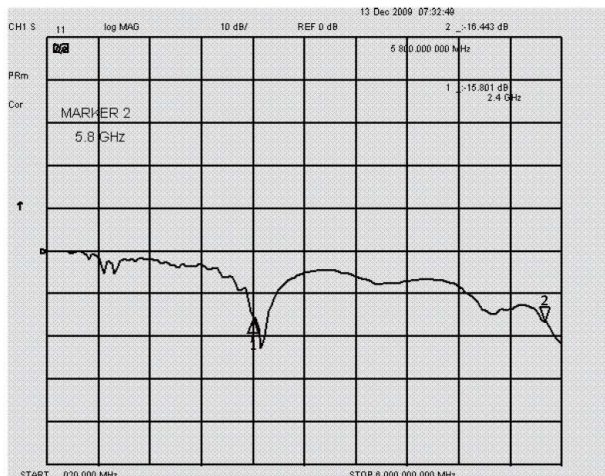
Temperature range:	-20 to +65°C
Storage temperature:	-30 to +75°C
Impedance (ohm):	50 ohm
Gain:	5dBi
VSWR:	<2.0:1
Frequency range:	2.4 + 5.8GHz
Return loss:	-15.80dB @ 2.4GHz (1) -16.44dB @ 5.8GHz (2)
Certain direction:	Omni
Polarization:	Vertical

Key Specifications - Mechanical

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

Test Reports

Return Loss



Ordering Details

Part Number	Description
DELTA6C/X/SMAM/S/S/11	2.4/5.8GHz Swivel Type Antenna, SMA Male Connector
DELTA6C/X/SMAM/RP/S/11	2.4/5.8GHz Swivel Type Antenna, SMA Male Reverse Polarity Connector