



Delta 6B

WiFi / WLAN Hinged Antenna SMA Male



Key Features

- 5dBi gain
- 2.4 - 2.5GHz frequency band
- Adjustable Swivel design

General Description

The Delta 6B is a single band WiFi antenna, tuned to 2.4 - 2.5GHz and with a peak gain of 5dBi, provides superior antenna performance suiting more demanding WiFi applications.

The hinged joint provides a flexible position at 0, 45 & 90 degrees for optimum signal transmission. The Delta 6B is commonly used with WiFi, Bluetooth, and Zigbee based applications to help improve the signal strength and connectivity of short-range terminals.

The Delta 6B is supplied, as standard, with either an SMA male or a reverse polarity SMA male connector (the latter being the common connector type for WiFi modems).

Additional Considerations

- Adjustable design allow positioning for best signal
- Suitable for WiFi, ISM Applications, Bluetooth and Zigbee
- The antenna does not rely on mounting on a metallic surface
- Meets EU compliance criteria for electronic goods



Delta 6B

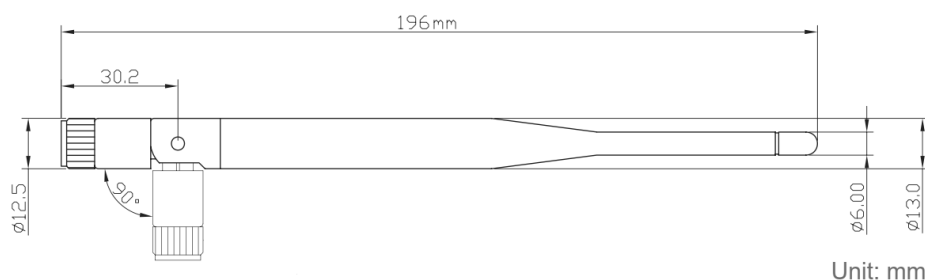
WiFi / WLAN Hinged Antenna SMA Male

Electrical Specifications

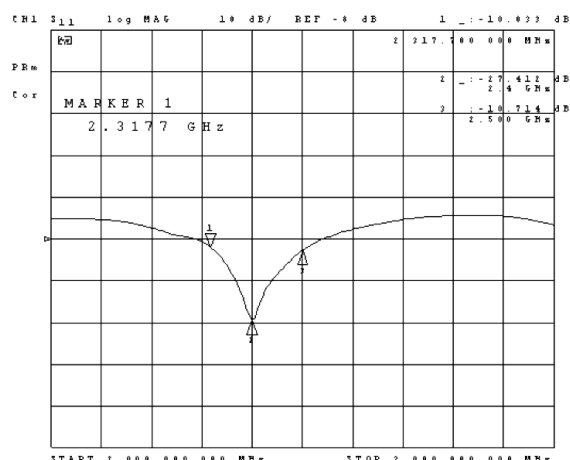
Operating Temperature:	-20 - +65°C
Storage Temperature:	-30 - +75°C
Impedance:	50 Ohm
Gain:	5dBi
VSWR:	<2.0:1
Frequency Range:	2.4 - 2.5GHz
Antenna Type:	Omni Directional
Polarization:	Vertical

Mechanical Specifications

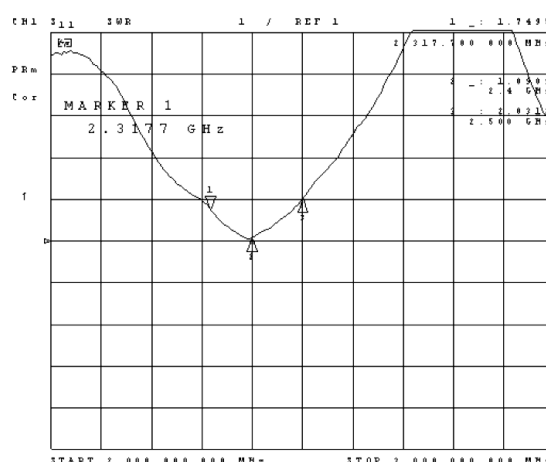
Dimensions:	L196 x 13 mm Ø
Connector:	SMA/SMA-RP Male
Cable:	RG316 (Internal)
Mounting Method:	Direct Connect



Return Loss



VSWR

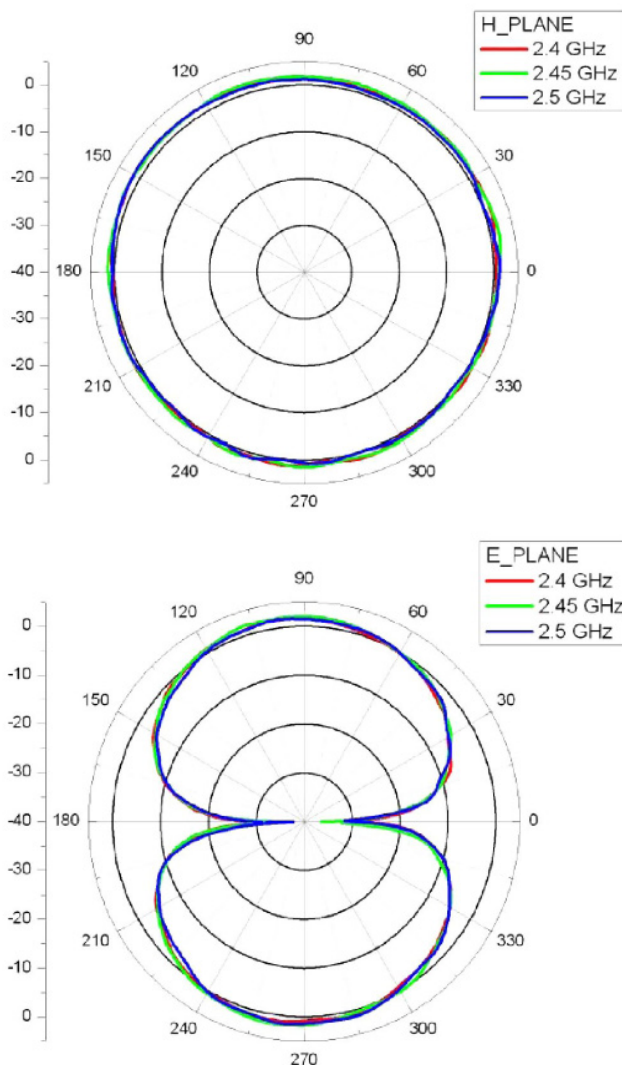




Delta 6B

WiFi / WLAN Hinged Antenna SMA Male

Radiation Plots



Ordering Details

Part Number	Description
DELTA6B/X/SMAM/S/S/11	WiFi / WLAN Hinged Antenna SMA Male Connector
DELTA6B/X/SMAM/RP/S/11	WiFi / WLAN Hinged Antenna SMA Male Reverse Polarity Connector

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siretta:

[DELTA6B/X/SMAM/RP/S/11](#)