



Key Features

- ¼ wave antenna
- Over moulded design
- Wide frequency range
- Tolerant to 35W
- RoHS compliant
- SMA male and Reverse Polarity connector

General Description

The Delta 8A Stub antenna is a full length ¼ wave antenna design with a loaded helical stub. This results in an efficient performance with minimal size.

Measuring just 26mm in length and covering 2.4-2.49GHz, they are ideal for today's 2.4GHz wireless modules where a combination of small size and good working range are required.

The SMA RP version are 10mm in overall diameter at the widest part and the SMA male type is 10.5mm diameter.

Key Specifications - Electrical

Impedance:	50 ohm
Gain	0dBi
VSWR:	<2:1
Frequency range:	2.4 - 2.5GHz
Polarization:	Vertical
Radiating element:	¼ wave whip

Key Specifications - Mechanical

Dimensions:	26mm
Diameter:	10 - 10.5mm
Connector:	SMA
Mounting method:	Direct connect

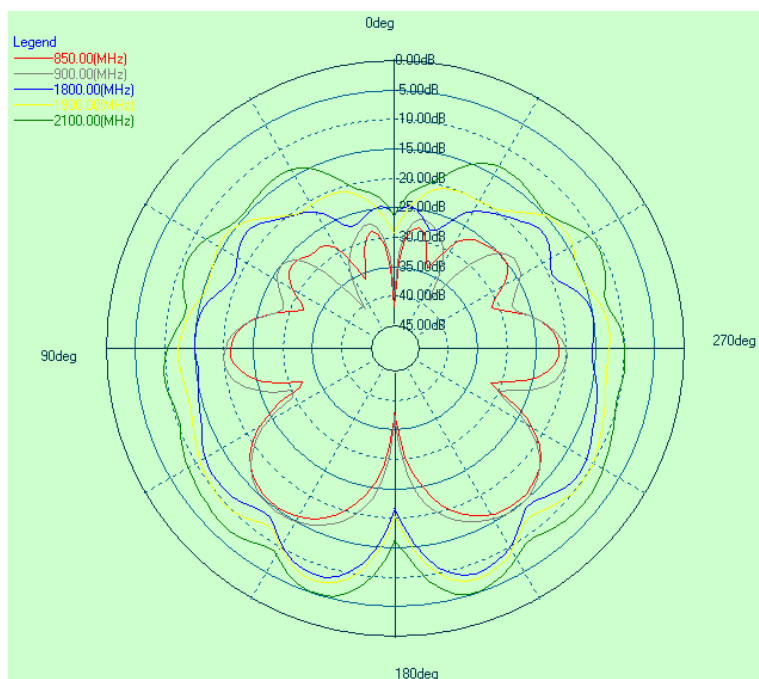
Rev 1.3

Gain

WiFi

2400MHz	-2.49dBi
2500MHz	-1.93dBi

Gain vs. Frequency Graph



UL Tested (Basingstoke, UK)
Part: DELTA8A/x/SMAM/S/S/17

Ordering Details

Part number	Description
DELTA8A/x/SMAM/S/S/17	Stubby 2.4Ghz Antenna, SMA Male Connector
DELTA8A/x/SMAM/RP/S/17	Stubby 2.4GHz Antenna, SMA Male Reverse Polarity Connector
DELTA8A/x/SMAM/RP/S/17 GREY	Grey Colour Stubby 2.4GHz Antenna, SMA Male Reverse Polarity Connector



Delta 8A

2.4 Ghz Antenna with SMA Male Connector