



Key Features

- Rubber overmoulded, flexible whip antenna
- SMA Male and SMA Male RP
- Tuned to 2.4GHz
- RoHS compliant

General Description

The Siretta Delta 10A series is a dedicated family of $\frac{1}{4}$ wave, omnidirectional stub antennas tuned to a centre frequency of 2.4GHz and with a gain of 3dBi.

They are supplied with a choice of RF connectors ensuring compatibility with many of today's ISM band radio modules and equipment working on the 802.11 & 15 frequency range. These include technologies such as ZigBee, WLAN, Bluetooth and 6LowPan.

Additional Considerations

- Rubber overmould with sealing skirt
- Rugged construction for portable equipment
- Ideal for many popular radio modules and equipment
- Optimised for use on 2.4GHz equipment
- Meets all EU compliance criteria for electronic goods

Rev 1.0

Key Specifications - Electrical

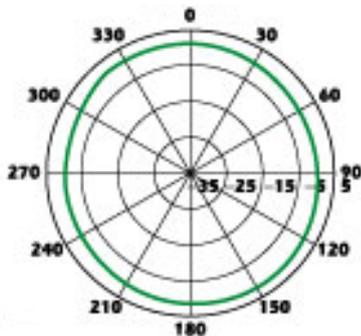
| | |
|--------------------|---------------|
| Temperature range: | -40 to +85°C |
| Impedance: | 50 ohm |
| Gain: | 3dBi |
| VSWR: | <1.5:1 |
| Polarization: | Vertical |
| Centre frequency: | 2.4GHz |
| Radiating element: | ¼ wave dipole |

Key Specifications - Mechanical

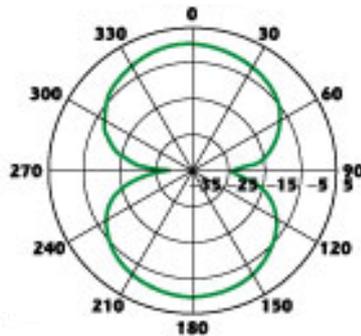
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| Dimensions: | 38mm x 14mm |
| Connector: | SMA or SMA RP |
| Mounting method: | Direct connect |

Test Reports

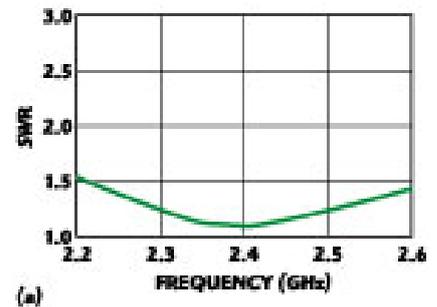
H-Plane



E-Plane



VSWR



Ordering Details

| Part Number | Description |
|------------------------|---|
| DELTA10A/X/SMAM/S/S/X | Stubby 2.4GHz ¼ Wave Antenna, SMA Male Connector |
| DELTA10A/X/SMAM/RP/S/X | Stubby 2.4GHz ¼ Wave Antenna, SMA Male Reverse Polarity Connector |