Delta 25
Wireless LAN and Bluetooth ‘Stubby’ Right Angle Antenna

Key Features
- Wireless LAN and Bluetooth frequencies
- Compact 28.5mm length
- SMA Male Right Angle connector
- Groundplane Independent
- Wide operating temperature range

General Description
The Delta 25 is a compact, right angled direct connect 2.4GHz stubby antenna at 28.5mm long including the connector. This antenna is available with the SMA male and the Reverse polarity SMA male connectors. This range of very compact 2.4GHz direct connect antennas is likely to be dominant in the stubby antenna market given their performance and size.

The Delta 25 is commonly used with WiFi, Bluetooth and Zigbee applications to help improve signal strength. The antenna can be used with WiFi modems such as TP-Link and NetGear that operate on the 2.4GHz frequency.

Additional Considerations
- Ensures antenna can be discretely mounted
- Does not rely on mounting on metallic surface
- WiFi, Bluetooth and ZigBee compatible
- Direct device connection
- Omnidirectional radiation
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**Electrical Specifications**

- Impedance: 50 Ohm
- Gain: <0dBi
- VSWR: <2.0:1
- Frequency: 2.4GHz (2.4-2.5GHz)
- Electric Wave: 1/4 monopole antenna

**Mechanical Specifications**

- Dimensions: L28.1, 7.9mm Ø
- Connector: SMA Male / SMA Male RP
- Mounting Method: Direct connect

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**VSWR**

![Graph showing VSWR](image)

**Return Loss**

![Graph showing Return Loss](image)
Radiation Patterns

XY Plane

XZ Plane

YZ Plane

Ordering Details

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<th>Part Number</th>
<th>Description</th>
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<tr>
<td>DELTA25/X/SMAM/S/RA/35</td>
<td>Wireless LAN and Bluetooth ‘Stubby’ Right Angle Antenna, SMA Male</td>
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