

Delta 20

2.4Ghz 28.5mm stubby WiFi / Bluetooth Antenna



Key Features

- Wireless LAN and Bluetooth frequencies
- SMA Male/SMA Male Reverse Polarity connector
- Groundplane independent
- Wide operating temperature range

General Description

The Delta 20 is a compact, 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 compact 2.4GHz direct connect antennas is likely to be strong leaders in the stubby antenna market given their performance and size.

The Delta 20 is commonly used with WiFi, Bluetooth and Zigbee applications. The antenna can be used with IoT industrial modems and routers as well as 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

Delta 20

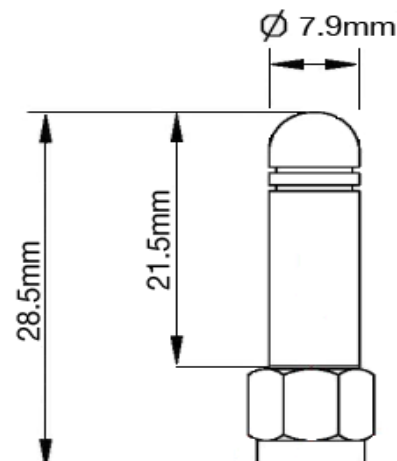
2.4Ghz 28.5mm stubby WiFi / Bluetooth Antenna

Electrical Specifications

Impedance:	50 Ohm
Gain:	0dBi
VSWR:	<1.5
Frequency:	2.4GHz - 2.5GHz
Electric Wave:	1/4 monopole antenna

Mechanical Specifications

Dimensions:	L28.5 x W7.9mm Ø
Connector:	SMA Male
Mounting Method:	Direct Connect



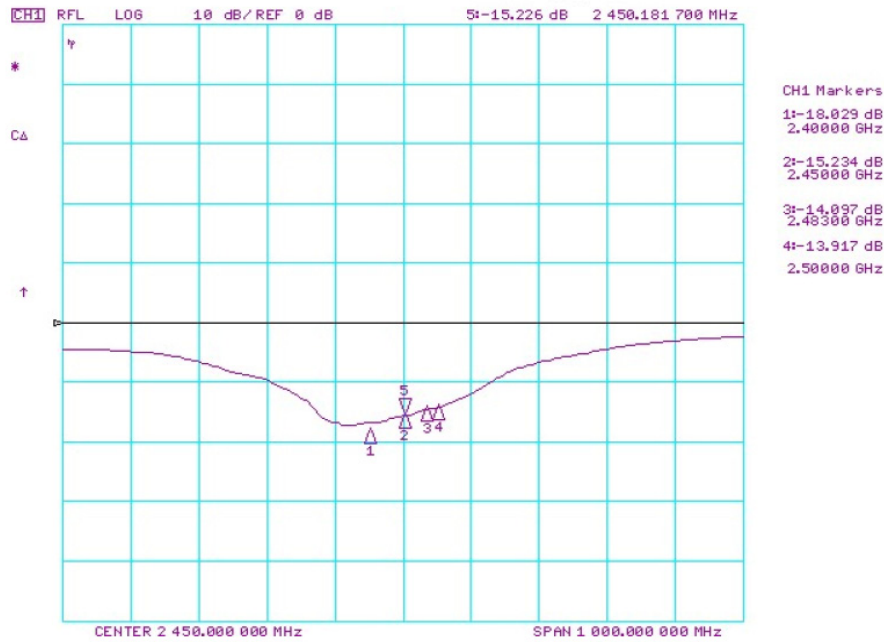
VSWR



Delta 20

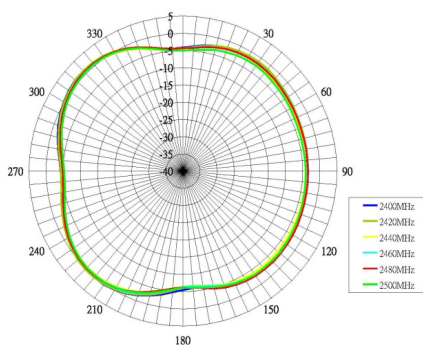
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Return Loss

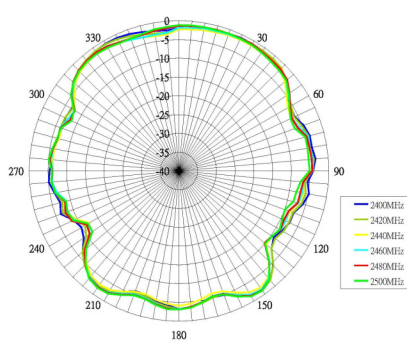


Radiation Patterns

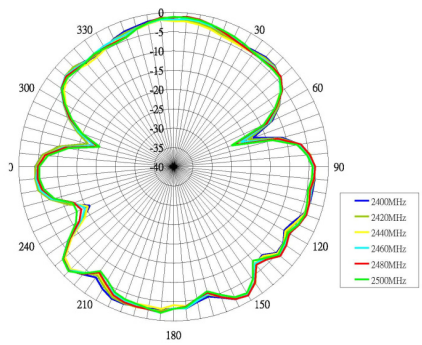
XY Plane



XZ Plane



YZ Plane



Ordering Details

Part Number

Description

DELTA20/X/SMAM/RP/S/35

2.4Ghz 28.5mm stubby WiFi / Bluetooth Antenna with SMA Male Reverse Polarity