



Delta 20

2.4Ghz 28.5mm stubby WiFi / Bluetooth Antenna



Key Features

- 1/4 wave monopole
- Groundplane independent
- WiFi, Bluetooth and ZigBee compatible

General Description

The Delta 20 is a compact, direct connect 2.4GHz stubby antenna 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.

This antenna is available with the SMA male and the reverse polarity SMA male connectors.

Additional Considerations

- Does not rely on mounting on metallic surface
- Omnidirectional radiation
- Meets all EU compliance criteria for electronic goods





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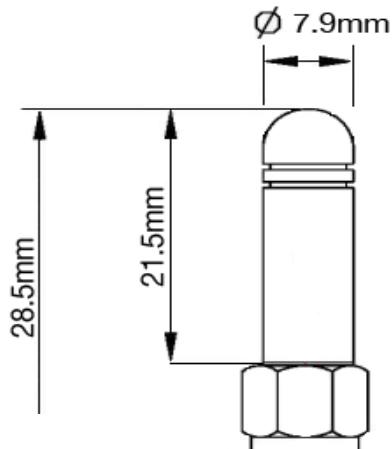
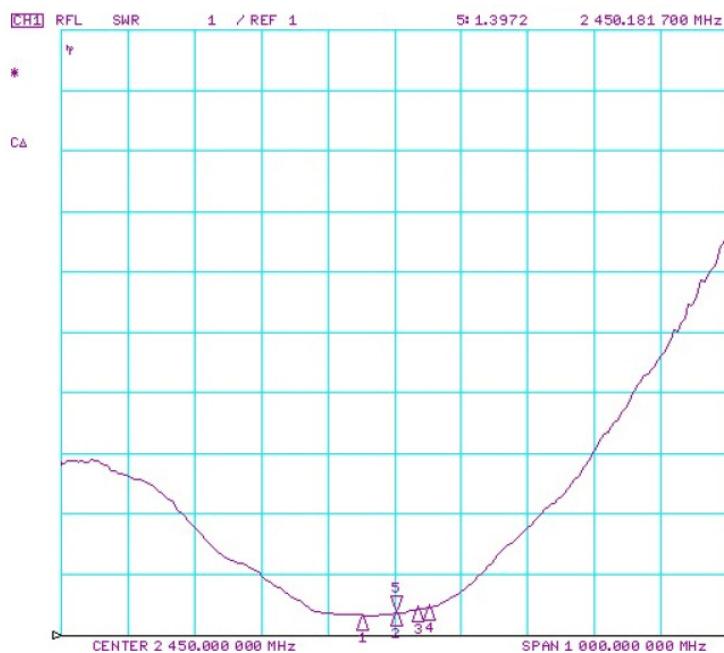
Electrical Specifications

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
Operating Temperature:	-35 + 80 °C
Storage Temperature:	-40 + 85 °C

VSWR





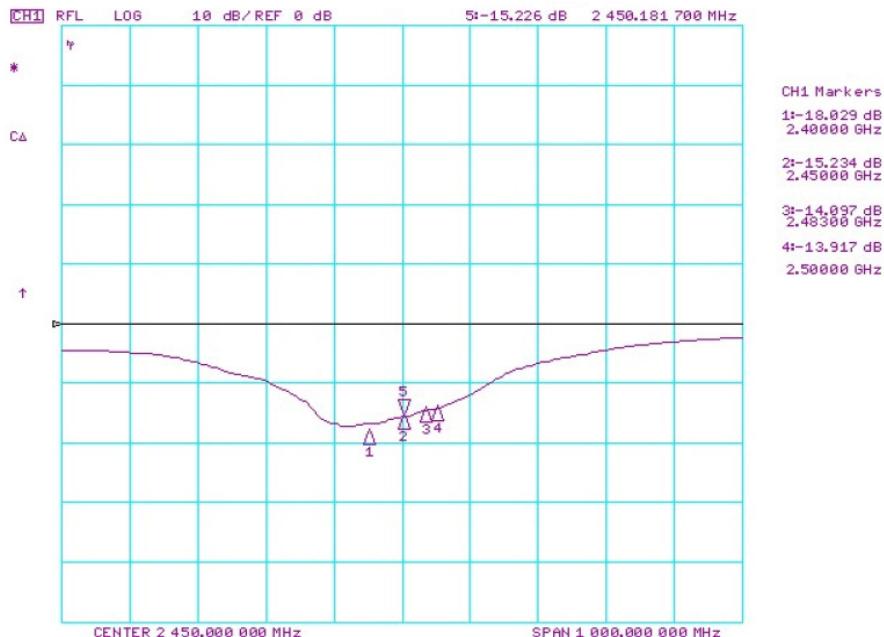
Enabling Industrial IoT



Delta 20

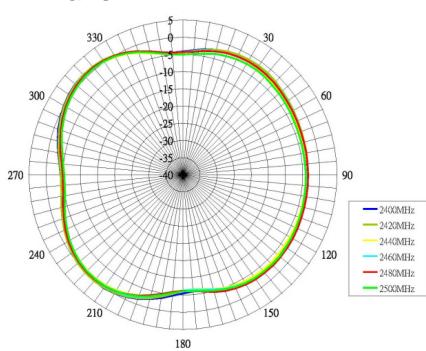
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Return Loss

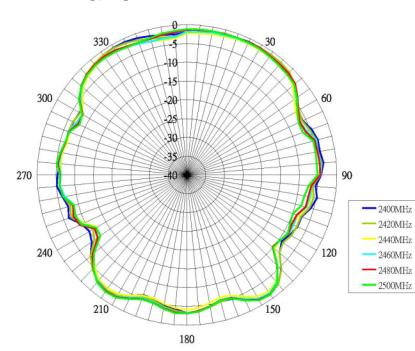


Radiation Patterns

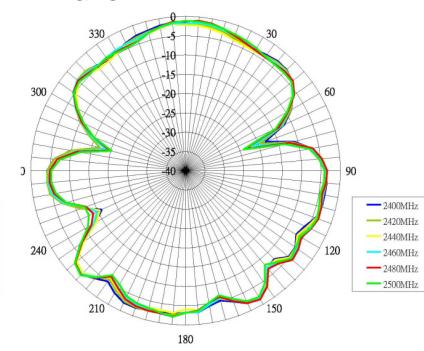
XY Plane



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