



Delta 19

2.4Ghz 19 mm stubby WiFi / Bluetooth Antenna

Key Features

- Miniature Covert 19 mm length
- SMA Male/SMA Male Reverse Polarity connector
- 5/8 wave design



General Description

The Delta 19 is the smallest available, direct connect 2.4 GHz stubby antenna. The antenna is ideally suited for covert situations where limiting antenna size is a critical consideration.

The antenna is available with the SMA male and the Reverse polarity SMA male connectors.

The Delta 19 is commonly used with WiFi, Bluetooth and Zigbee applications.

Additional Considerations

- Omnidirectional radiation
- Meets all EU compliance criteria for electronic goods





Delta 19

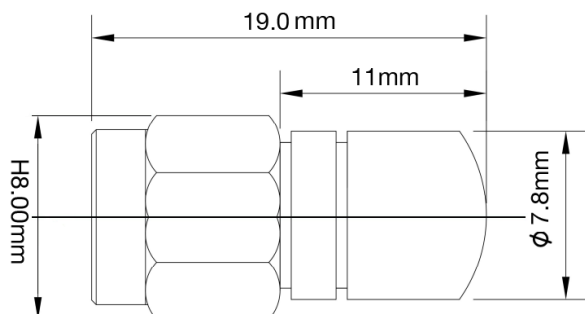
2.4Ghz 19 mm stubby WiFi / Bluetooth Antenna

Electrical Specifications

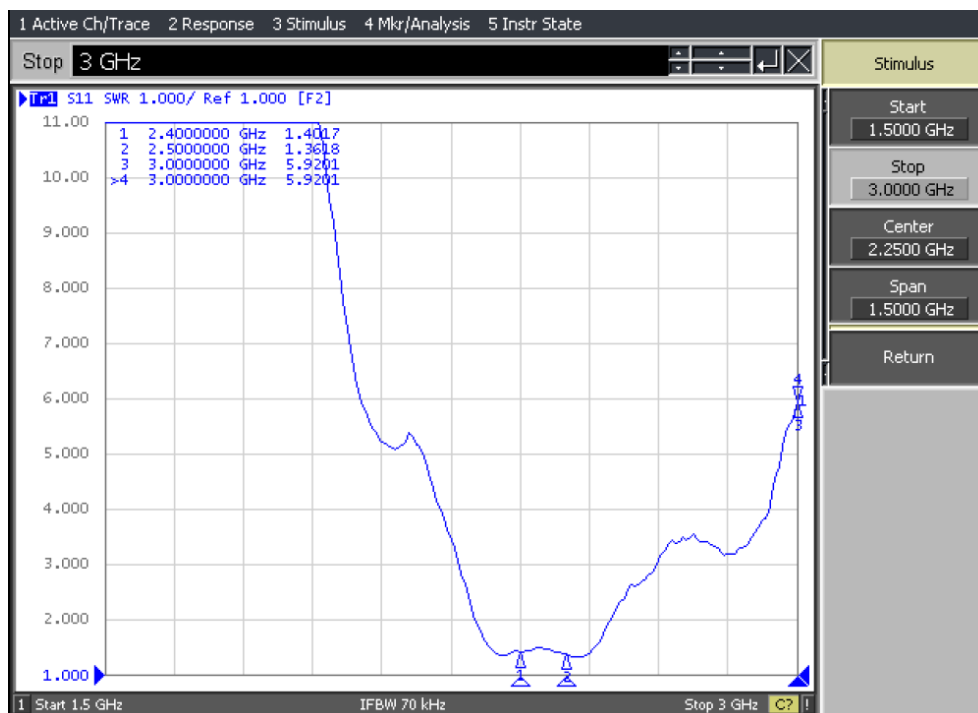
Impedance:	50 Ohm
Gain:	0 dBi
VSWR:	<2
Frequency:	2.4- 2.5 GHz
Electric wave:	5/8 monopole antenna

Mechanical Specifications

Dimensions:	L19 x 7.8mmØ
Operating Temperature:	-25 to +75°C
Connector:	SMA Male Reverse Polarity
Mounting Method:	Direct Connect



VSWR

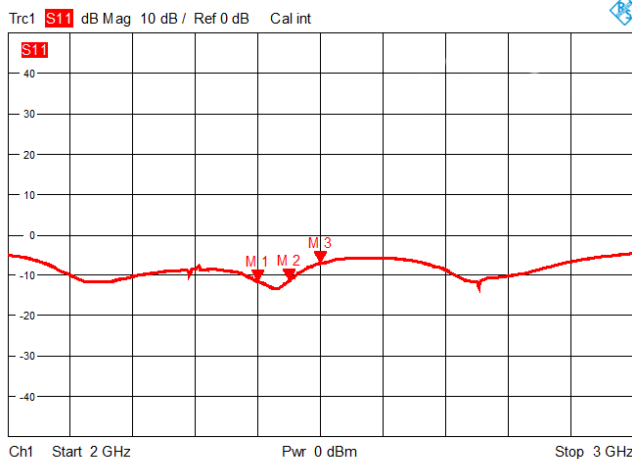




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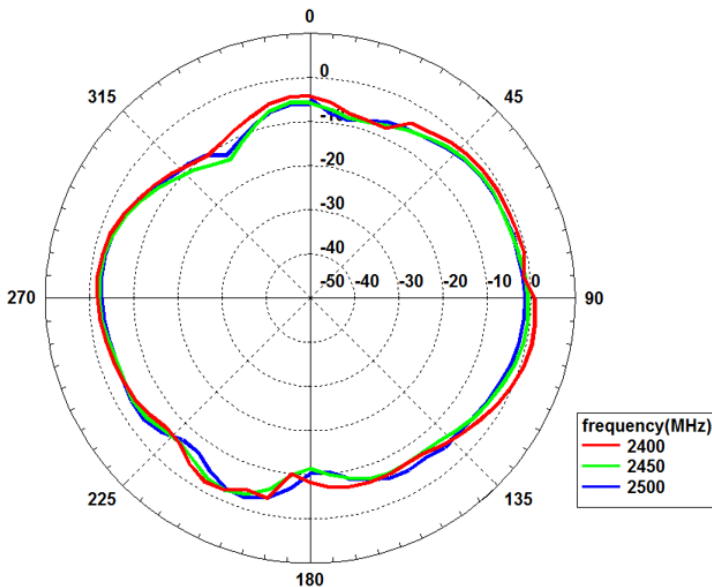
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Return Loss



M1: 2.4 GHz 11.512 dB
M2: 2.45 GHz 11.375 dB
M3: 2.5 GHz 7.000 dB

Radiation Patterns



Ordering Details

Part Number	Description
DELTA19/X/SMAM/RP/S/35	2.4GHz 19 mm stubby WiFi/Bluetooth antenna, SMA male reverse polarity connector