

Key Features

- Compact design: 53.5mm long
- Cable free WiFi antenna solution
- 2.4 to 2.5GHz Operating Frequency
- 2dBi Peak Gain



General Description

The Delta 15 is a direct connect, stubby antenna tuned to 2.4GHz - the WiFi / WLAN / Bluetooth / ZigBee frequencies and is built with a right angled connector.

Despite its small size of 53.5mm in length, it still performs at a high level that most stubby antennas cannot compete with. The Delta 15 offers a small and compact, cable-free antenna solution that is ideal for use with WiFi enabled terminals and modem. Not having to deal with cables makes the job much easier for installers as you simply screw the antenna into the antenna port of your device.

The Delta 15 is commonly used with WiFi, Bluetooth, ZigBee and ISM based applications to help improve the signal strength and better the performance of your short-range terminal. This 2.4GHz antenna can be used with most modern day WiFi modems such as NetGear and TP-link's that operate on the traditional 2.4GHz.

The Delta 15 is supplied, as standard, with a right angle reverse polarity (RP) SMA male connector. This antenna can be built with a connector of your choice for volume requirements.

Please see the Delta 14 for the STRAIGHT connector version of the Delta 15.

Additional Considerations

- Made out of durable TPS for long lasting antenna
- Supplied with a right angled RP SMA connector for direct connection to a device
- Omni directional radiation to ease installation
- RoHS Compliant

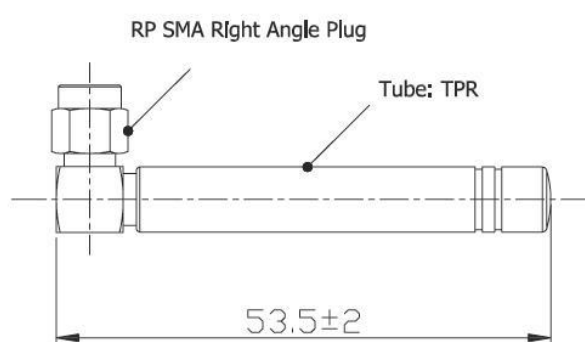
Rev 1.1

Key Specifications - Electrical

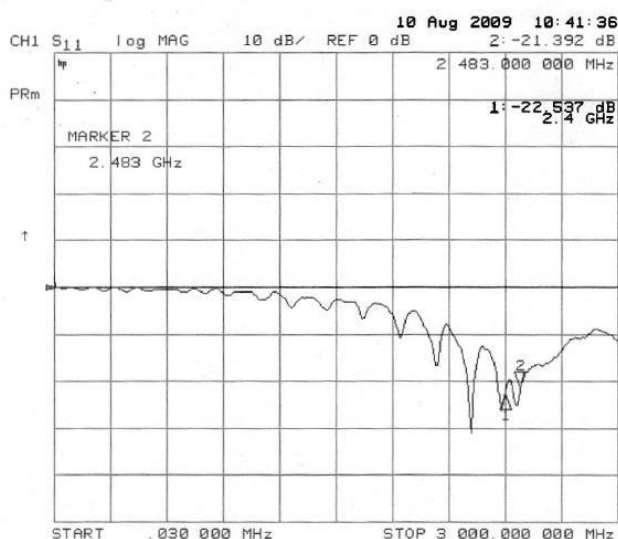
Operating temperature:	-20 to +60°C
Storage temperature:	-30 to +75°C
Impedance:	50 ohm
Gain:	2.0dBi
VSWR:	2.0 max
Operating frequencies:	2400MHz
Polarization:	Veritcal
Radiation:	Omni
Electrical wave:	$\frac{1}{4} \lambda$ dipole

Key Specifications - Mechanical

Dimensions:	53.5mm
Connector:	SMA RP
Mounting method:	Direct connect



Key Specifications - Electrical



Ordering Details

Part number	Description
DELTA15/SMAM/RA/RP/11	Right Angled 2.4GHz Stubby WiFi / WLAN & Bluetooth Antenna SMA Male RP – Delta 15