



## Echo 17

WiFi / WLAN PCB Antenna



### Key Features

- WiFi / WLAN - 2.4GHz
- Bluetooth / ZigBee
- Embedded

### General Description

The Echo 17 is a WiFi / WLAN dedicated PCB antenna that achieves good levels of performance for its size, owed to fine tuning between 2.4 and 2.5GHz.

Tuned to this frequency band means the Echo 17 antenna can be used with WiFi, Bluetooth, Zigbee and ISM based applications.

With its small footprint the Echo 17 is perfect for applications where internal space for components is limited or when using an external antenna is simply not appropriate.

### Additional Considerations

- Small size allow easy integration into small spaces
- Specifically tuned to provide optimal performance for 2.4 - 2.5GHz frequency band



## Echo 17

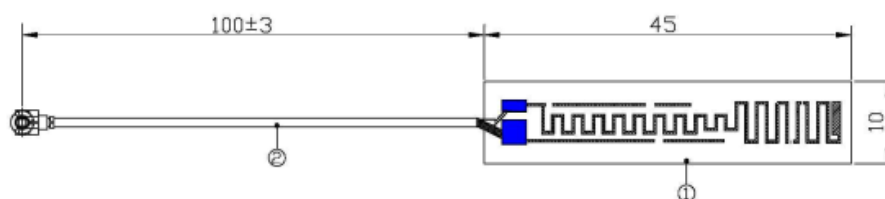
WiFi / WLAN PCB Antenna

### Electrical Specifications

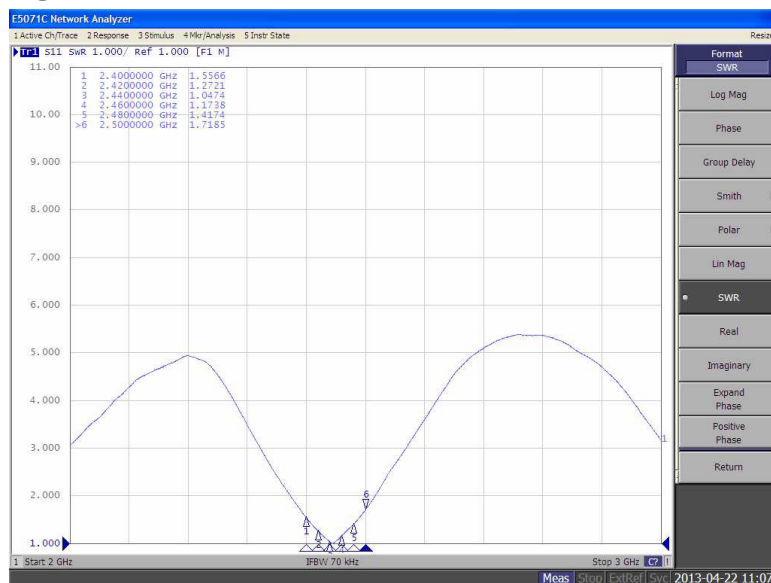
Operating Temperature range:	-20 - +60°C
Operating Frequency:	2.4 - 2.5GHz
Impedance:	50 Ohm
Peak Gain:	2.6dBi
VSWR:	2.0:1
Polarization:	Vertical

### Mechanical Specifications

Dimensions:	L45 x W10 x H0.7mm (without cable)
Cable Length:	L100 x 1.13mm
Connector:	IPEX
Operating Temperature:	-30 - +70°C
Storage Temperature:	-35 - +75°C



### VSWR

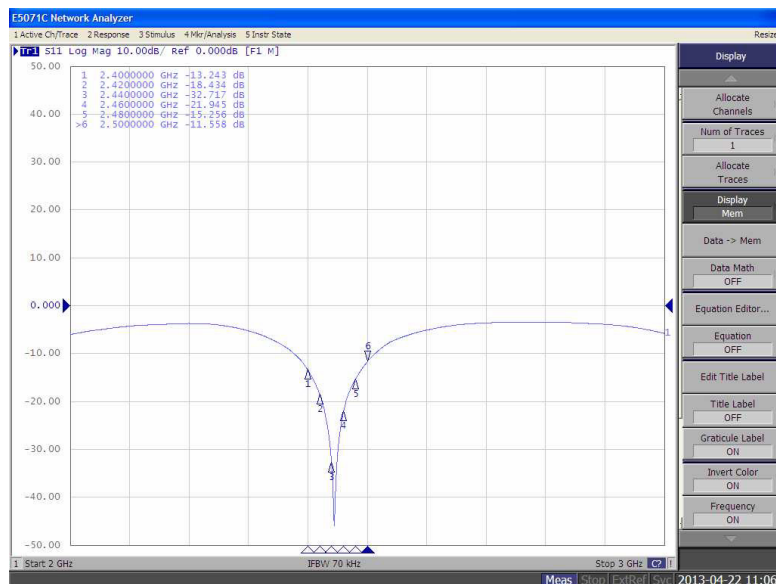




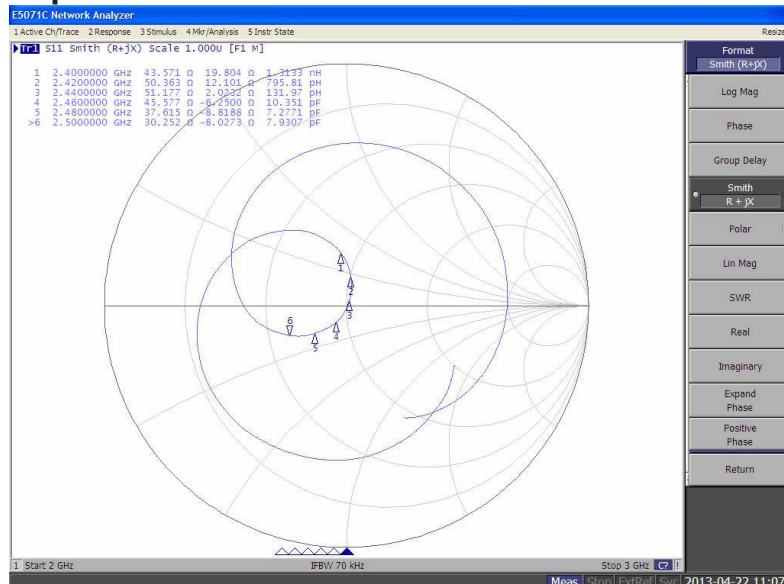
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### Return Loss



### Impedance



### Ordering Details

Part Number	Description
ECHO17/0.1M/IPEX/S/S/15	WiFi / WLAN PCB Antenna

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