

### Key Features

- Compact size
- 2.4 - 2.5GHz operation
- Price competitive
- 37mm x 6mm PCB



### General Description

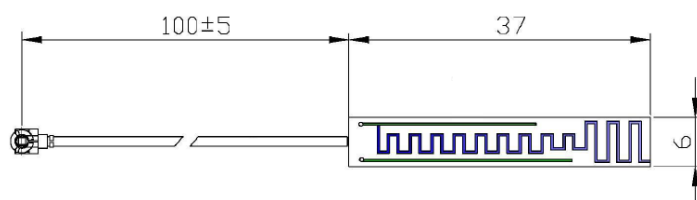
The Echo 18 2.4GHz PCB antenna is specifically aimed at the volume embedded WiFi, Bluetooth or ZigBee market.

The Echo 18 doesn't come with an adhesive pad but is easily glued in place with hot melt.

The Echo 18 is a competent performer in our tests and is well built and at a competitive price for volumes customers.

### Additional Considerations

- 37mm x 6mmmm allows easy integration into small devices
- Specifically tuned to provide optimal performance for 2.4 - 2.5GHz frequency band



Rev 1.0

### Key Specifications - Electrical

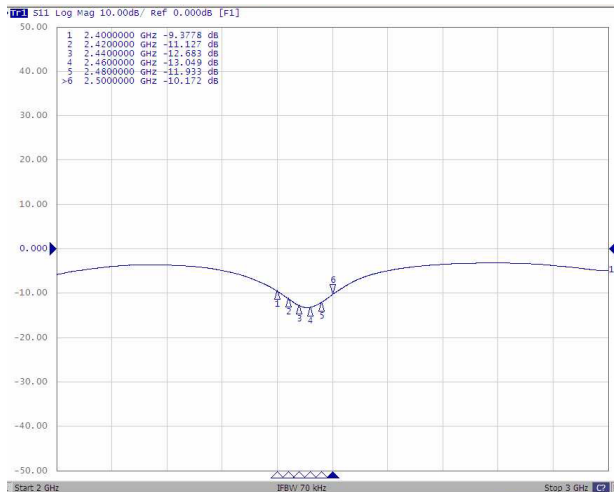
Operating temperature range:	-20 to +60°C
Impedance:	50 ohm
Gain:	2.6dBi
VSWR:	2.0:1
Voltage and supply current:	Passive
Operating frequency:	2.4 - 2.5GHz
Polarization:	Vertical
Radiating element and wave:	¼ wave dipole

### Key Specifications - Mechanical

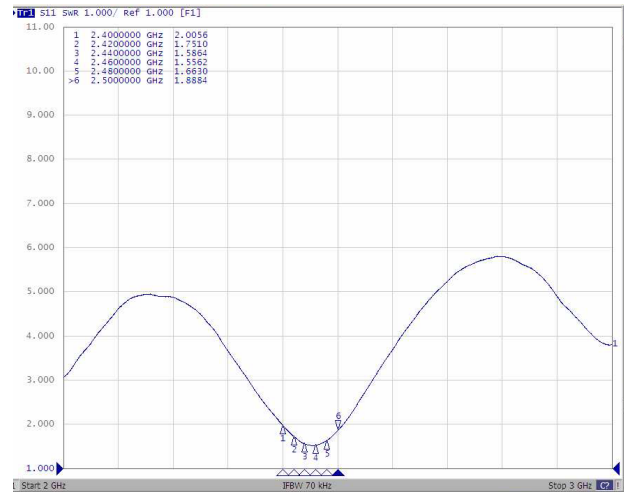
Dimensions:	37mm x 6mm (without cable)
Cable:	100mm x 1.13mm coax
Connector:	UFL

### Test Reports

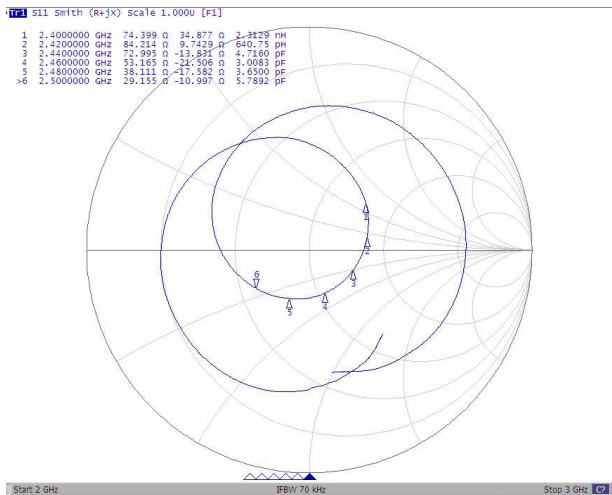
#### Return Loss



#### VSWR



### Smith Graph



## Ordering Details

Part Number	Description
ECHO18/0.1M/UFL/S/S/15	2.4GHz PCB Antenna, 100mm Cable, UFL Connector

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