



Key Features

- WiFi / WLAN - 2.4GHz
- Magnetic Mount
- High Gain

General Description

The Mike 12 is a ½ wave, high gain mag mount whip antenna, tuned to the WiFi/Bluetooth/Zigbee frequencies. With a high peak gain of 5dBi, the Mike 12 is a great antenna for demanding applications.

Its magnetic base provides a versatile method of mounting, allowing the user to move the antenna to optimise signal strength.

Common applications for this antenna are secure compound IoT applications with sensors connected via ZigBee, Home Automation remote controls, WiFi extensions and peer to peer Bluetooth links; especially those in low signal areas.

Alternative connectors and cable lengths can be specified for volume orders.

Additional Considerations

- Flexibility to reposition
- Suitable for IoT Applications
- Can be used with Zigbee protocol

Mike 12

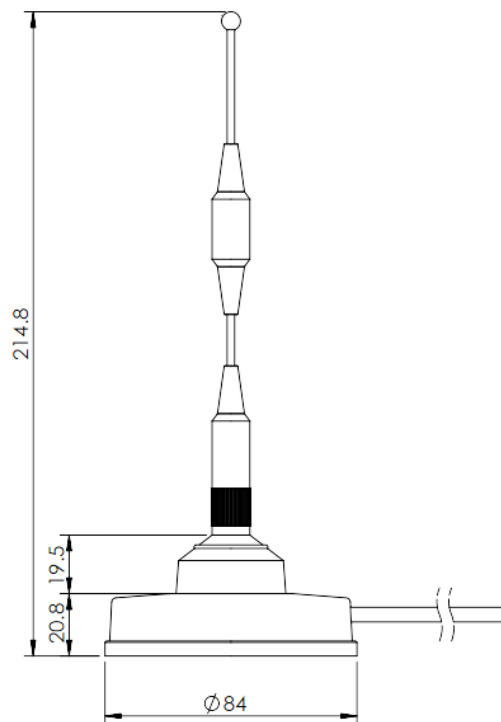
WiFi Magnetic Mount Whip Antenna

Electrical Specifications

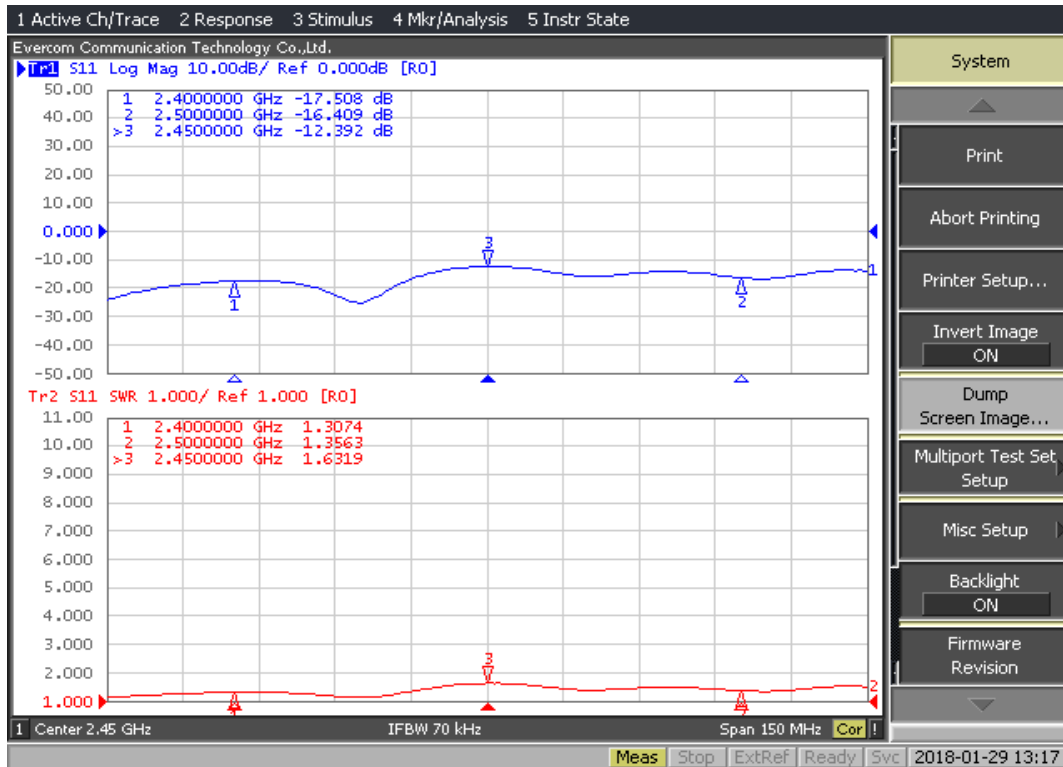
Temperature range:	-30 to +70°C
Impedance:	50 ohm
Gain:	5.0dBi
V.S.W.R:	<1.8:1
Frequency range:	2400MHz
Max power:	20W
Polarization:	Omni

Mechanical Specifications

Dimensions:	84mm Ø H: 214.8mm
Weight:	180g
Cable:	RG58
Connector:	SMA Male
Material:	Stainless steel & ABS
Mounting method:	Magnetic



Return Loss and VSWR



Ordering Details

Part Number	Description
MIKE12/3M/SMAM/RP/S/31	WiFi 2.4~2.5GHz Mag Mount Whip Antenna SMA Male Reverse Polarity