Siretta

Enabling Industrial IoT

Mike 12
WiFi Magnetic Mount Whip Antenna

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 for best signal
- Suitable for IoT Applications
- Meets all EU compliance criteria for electronic goods

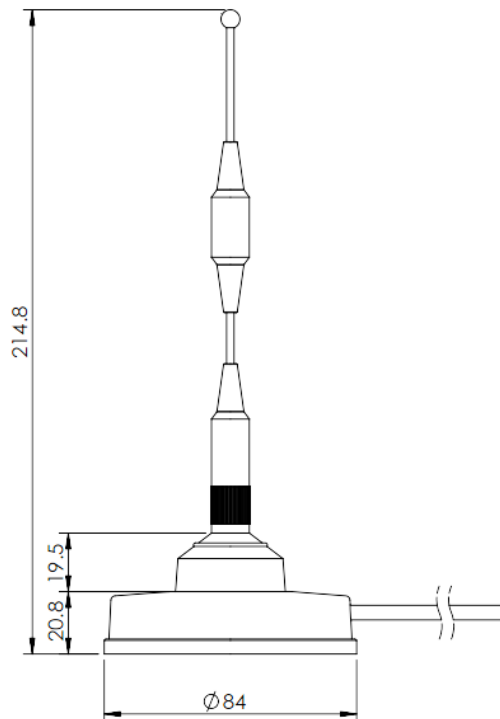## Electrical Specifications

Temperature range:	-30 to +70°C
Impedance:	50 ohm
Peak Gain:	5.0dBi
VSWR:	<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

Rev 1.2

Return Loss and VSWR
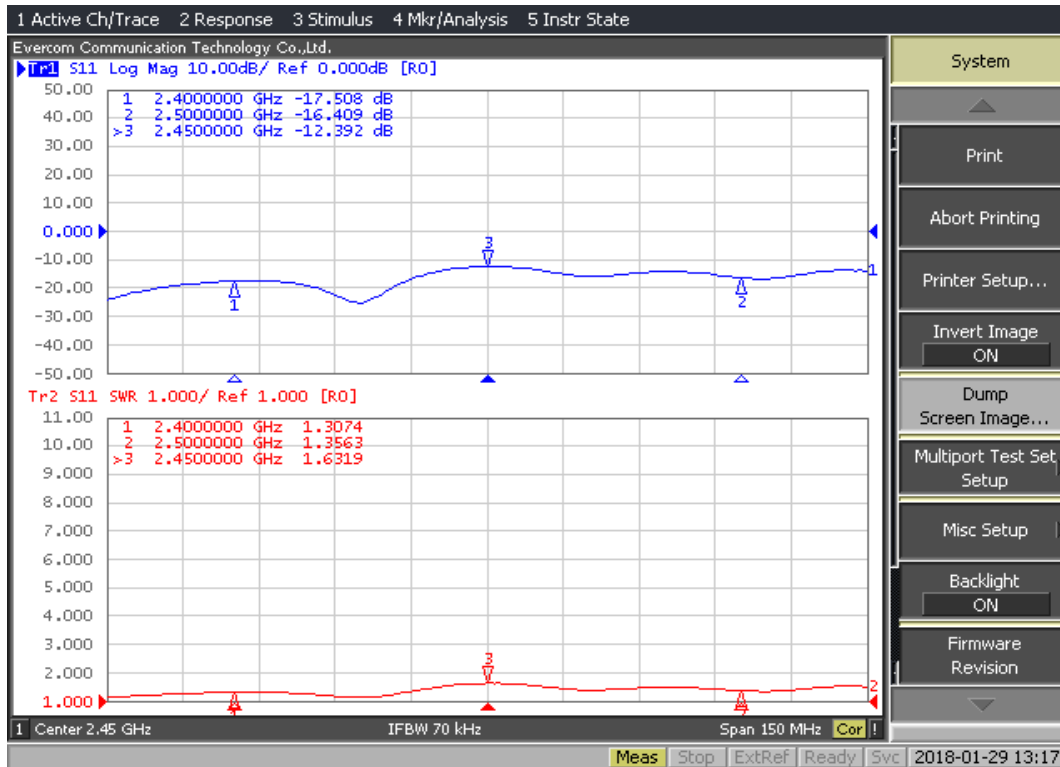
Ordering Details

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