



## Alpha 1A

Adhesive T Bar GSM / GPRS, 3G, WiFi & ISM Antenna

### Key Features

- Flexible moulding
- High grade mounting adhesive
- Quad band GSM/GPRS
- 3G/UMTS capable
- WiFi: 2.4GHz



### General Description

Designed for providing effective quad band GSM/GPRS performance in indoor applications, the “T-Bar” antenna is popular for in-vehicle communications as both a versatile antenna for hands free car kits or in after market telemetry applications. Also compatible for use with 3G and WiFi modems as well as the ISM 868 and 915MHz networks.

The Alpha 1A series of antennas can be supplied with alternative length cables or different connector types for volume orders.

### Additional Considerations

- Works on all European GSM / GPRS frequencies
- High grade integrated adhesive pad ensures long lasting bond to most surfaces, like windscreen / glass or dashboard material
- Flexible moulding ensures ability for antenna to contour around different materials.
- Meets all EU compliance criteria for electronic goods

A Adhesive	2G GSM	3G UMTS	ISM 868
ISM 915	LoRa Wireless	SF Sigfox	WLAN 2400
BLE Bluetooth	ZB Zigbee		



## Alpha 1A

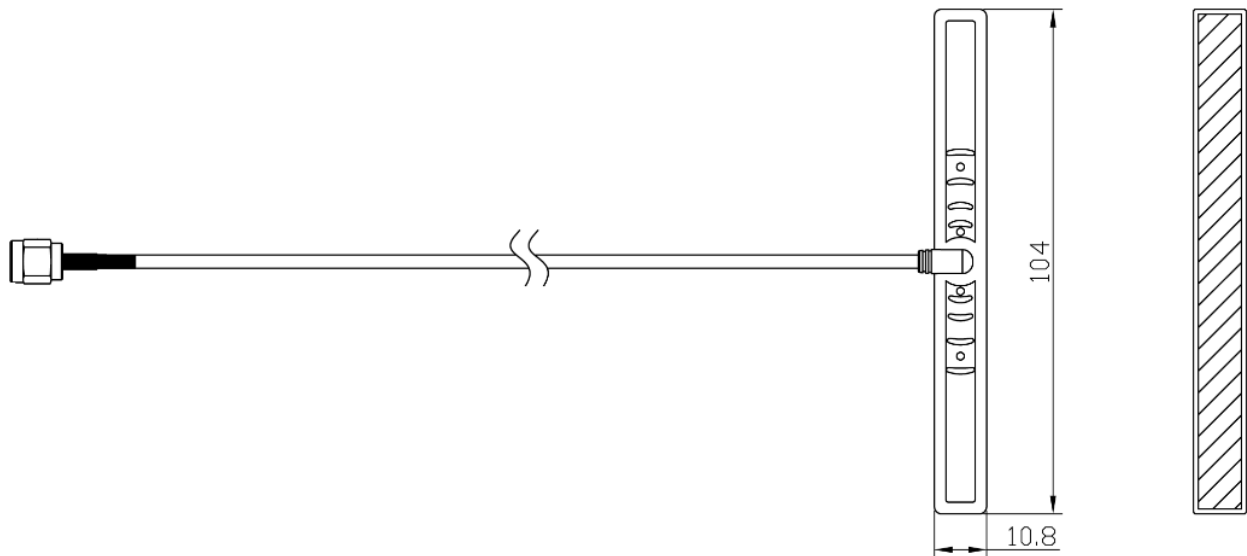
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### Electrical Specifications

Temperature Range:	-20 - +80°C
Impedance:	50 Ohm
VSWR:	≤2.0:1
Operating frequencies:	GSM/GPRS: 850, 900, 1800, 1900, MHz 3G: 2100MHz WiFi: 2400MHz ISM: 868, 915MHz
Polarization (cellular):	Vertical

### Mechanical Specifications

Dimensions:	104 x 10.8 x 4 mm
Cable:	RG174
Conector:	SMA Male
Mounting Method:	Adhesive Pad

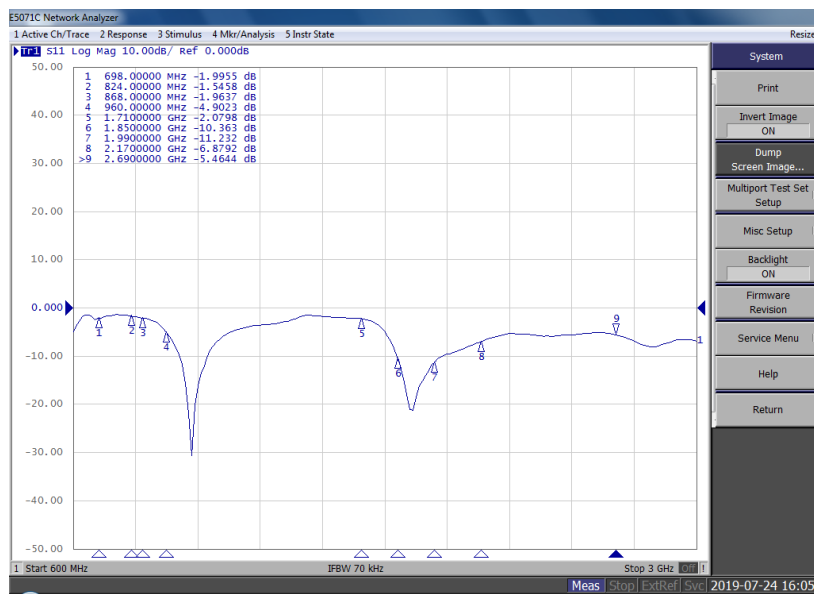




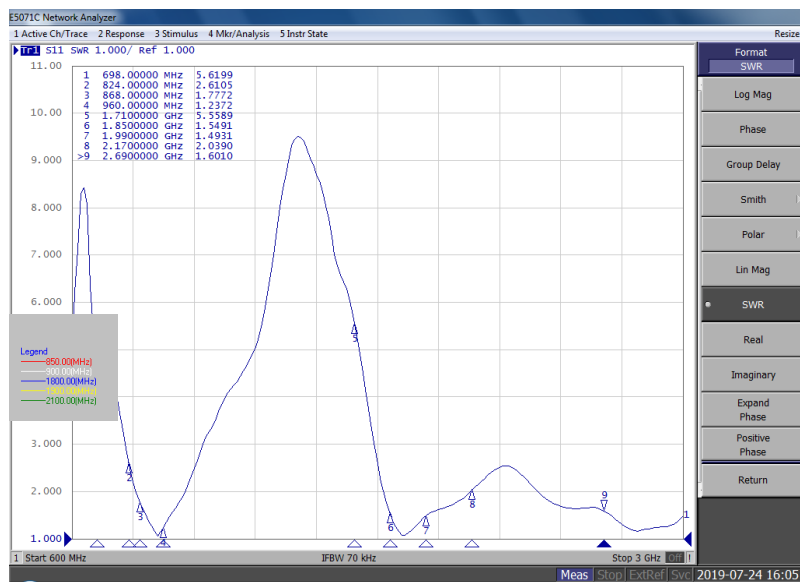
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### Return Loss



### VSWR



### Ordering Details

Part Number

Description

ALPHA1A/1M/SMAM/S/S/11

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