

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

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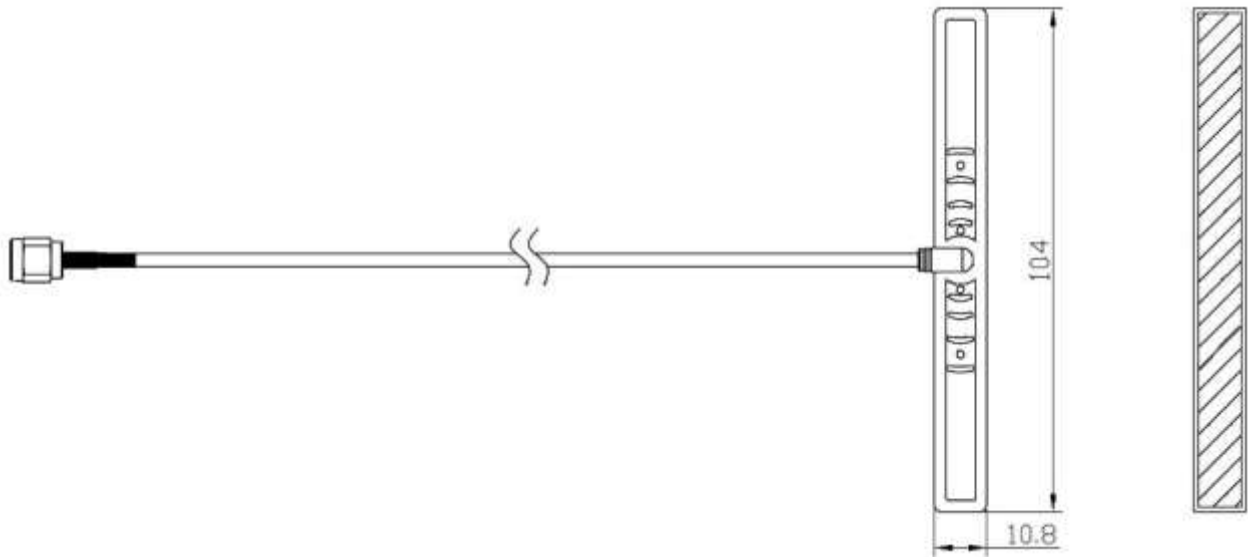
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Electrical Specifications

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

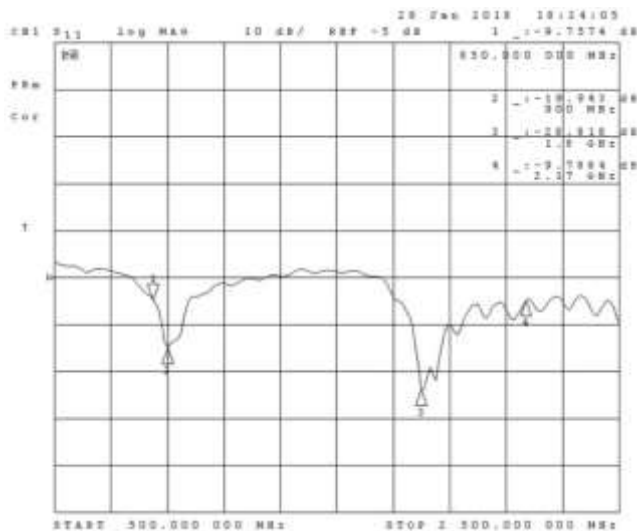
Dimensions:	104 x 10.8 x 4 mm
Cable:	RG174
Conector:	SMA Male
Mounting Method:	Adhesive Pad



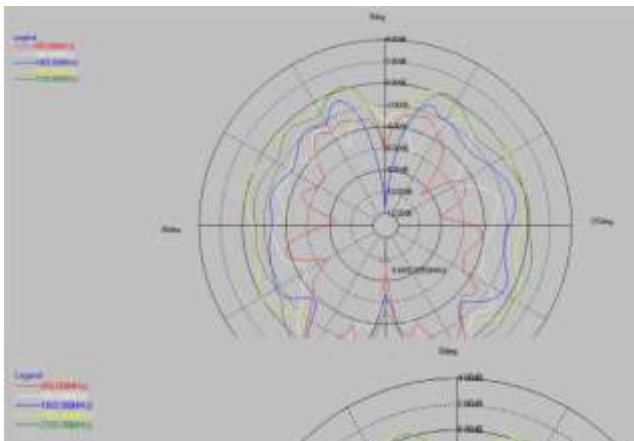
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VSWR



Radiation Plot



Ordering Details

Part Number	Description
ALPHA1A/1M/SMAM/S/S/11	ADHESIVE T BAR GSM / GPRS, 3G, WIFI & ISM ANTENNA
ALPHA1A/3M/BNCM/S/S/11	T-BAR GSM QUAD BAND ANTENNA 3M CABLE BNC MALE