



## Alpha 11

GPRS, 2G, 3G & ISM Flat Blade Antenna



### Key Features

- 2.5dBi gain (2G)
- Quad band cellular and 2.1GHz
- Mounts on any non metallic surface

### General Description

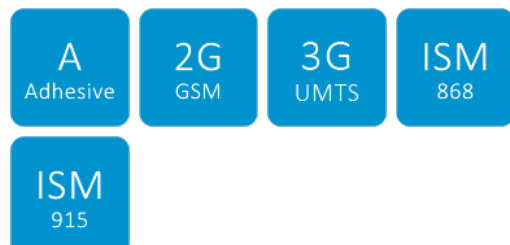
The Alpha 11 is based on an efficiently tuned PCB element that is matched with a wide variety of RF and IoT modules, operating on 2G and 3G frequencies.

The Alpha 11 is a competent performer at 2.5dBi gain for GSM. It is also a robust design, not intended to be waterproof but at home in most environments. The Alpha 11 will suit cost conscious volume applications where a quality product and good performance are required.

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

### Additional Considerations

- Mounts discretely in installation, good for covert use
- Meets all EU compliance criteria for electronic goods
- Intended for internal equipment use





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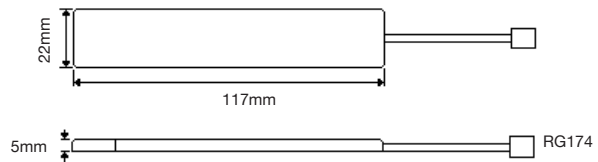
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### Electrical Specifications

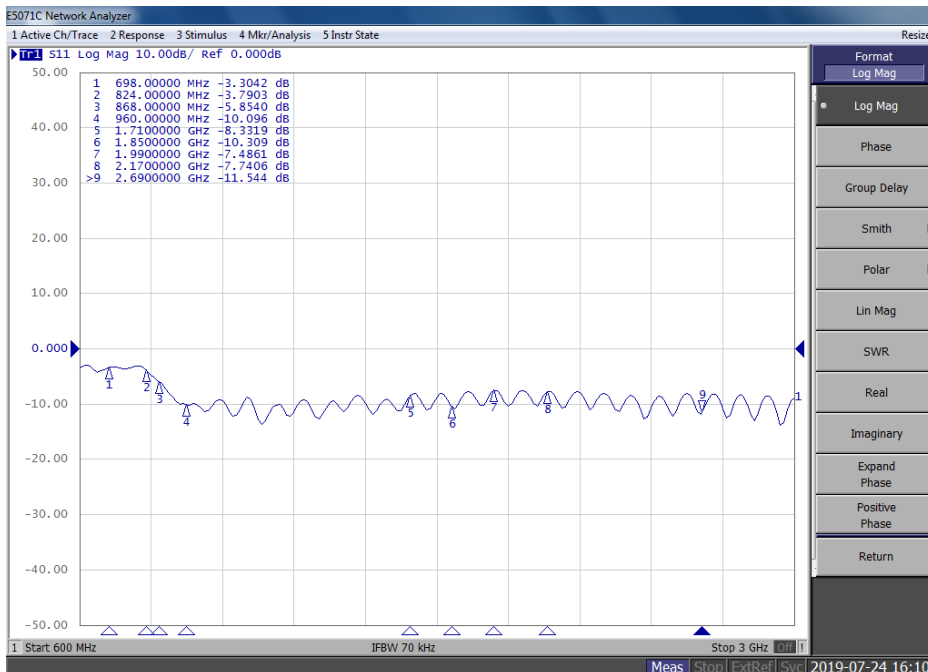
Operating temperature range:	-40 to +75°C
Impedance:	50 Ohm
Gain:	2.15dBi
VSWR:	≤2.0
Max input power:	60W
Frequency:	850/900/1800/1900/2100MHz
Polarization:	Vertical

### Mechanical Specifications

Dimensions:	L115 x W22 x H5mm
Cable:	RG174
Connector:	SMA Male
Mounting:	Adhesive



### Return Loss

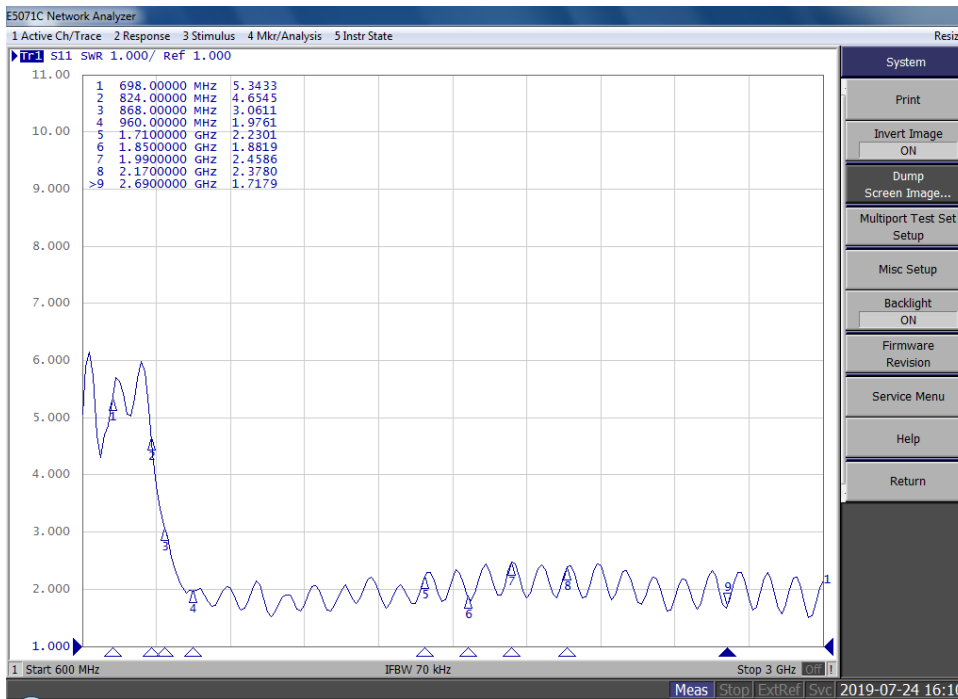




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### VSWR



### Ordering Details

Part Number	Description
ALPHA11/1M/SMAM/S/S/20	GPRS, 2G, 3G & ISM Flat Blade Antenna 1m RG174 SMA Male
ALPHA11/2.5M/SMAM/S/S/20	GPRS, 2G, 3G & ISM Flat Blade Antenna 2.5M RG174 SMA Male