



Key Features

- Blade dimensions: 117mm x 22mm x 5mm
- RoHS compliant
- 2.5dBi gain (GSM)
- Quad band cellular and 2.1GHz
- Mounts on any non metallic surface

General Description

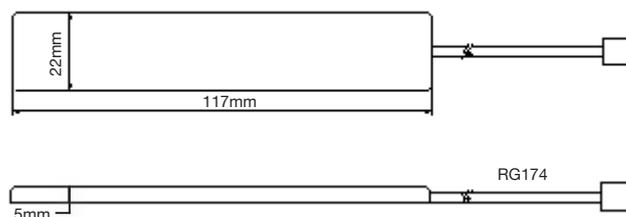
The Siretta Alpha 11 GSM and 3G antennas are based on an efficiently tuned PCB element that is matched with a wide variety of RF and M2M modules, operating on cellular and 3G frequencies. It is designed as a ready to go antenna which fits most telemetry applications.

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 the cost conscious volume applications where a quality product and good performance are required.

With an EndFed cable and measuring 117 x 22mm this version comes with its own adhesive mounting pad and

Additional Considerations

- Mounts discretely in installation, good for covert use
- Operates on all cellular networks and 3G
- Meets all EU compliance criteria for electronic goods
- Intended for internal to equipment use



Key Specifications - Electrical

Operating temperature range:	-40 to +75°C
Impedance:	50 Ohm
Gain:	2.5dBi
VSWR:	≤1.5:1
Max input power:	50W
Voltage and supply current:	Passive
Max input power:	60W
Frequency:	850/900/1800/1900/2100MHz
Polarization:	Vertical

Gain

GSM

850MHz:	-3.91dBi
900MHz:	-2.78dBi
1800MHz:	-0.73dBi
1900MHz:	0.64dBi

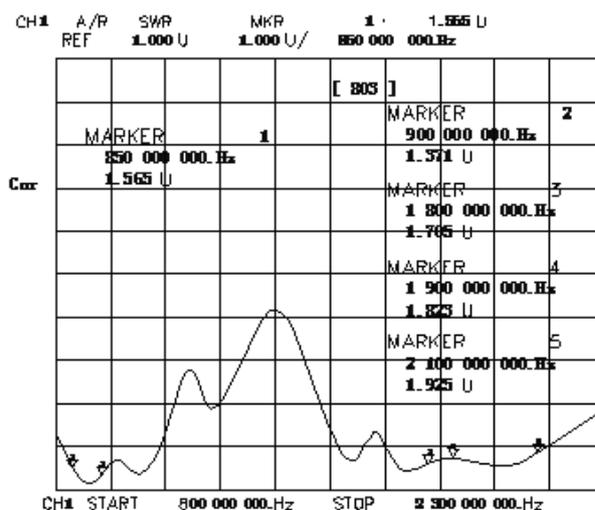
3G

2100MHz:	0.60dBi
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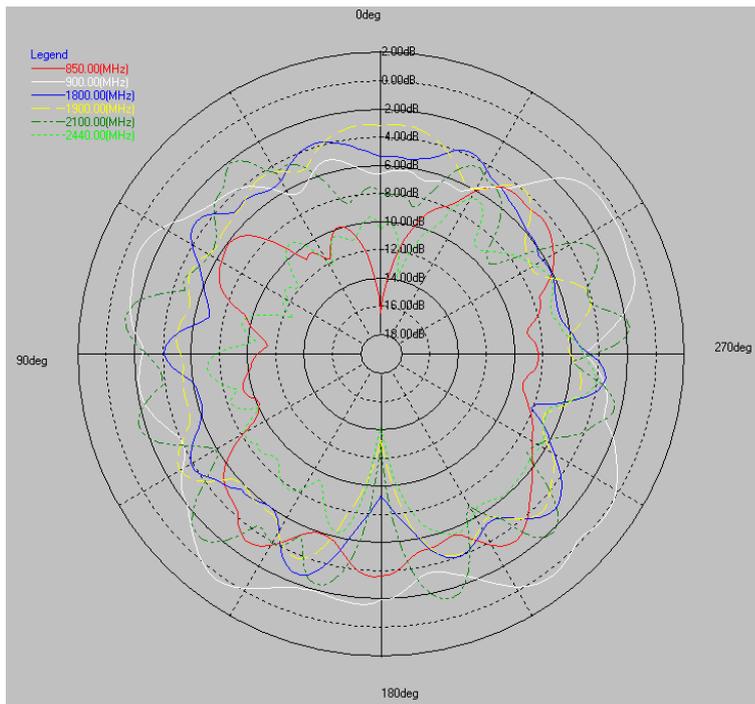
Key Specifications - Mechanical

Dimensions:	117mm x 22mm x 5mm
Cable type:	RG174
Mounting:	Double sided adhesive

SWR Graph



Gain vs. Frequency Plot



UL Tested (Basingstoke, UK)
Part: ALPHA11/2.5M/SMAM/S/S/20