

Key Features

- Quad band GSM / GPRS and 3G 2100 MHz
- Dipole
- Housed in a robust ABS casing for extreme climatic and operational environments
- Adhesive base (Peel and Press)
- Low profile design
- Ground plane independent
- RoHS compliant

General Description

The Alpha 18 is a very low profile dipole antenna, delivering high performance across global GSM/ GPRS and 3G 2100MHz frequencies. Ideal for applications that require a low profile GSM antenna with simple and secure mounting. The Alpha 18 is supplied with a 2M cable and SMA male connector. Custom cable lengths and connector types are available for volume orders.

Additional Considerations

- Operates on global GSM/GPRS networks as well as 3G 2100MHz
- Housed in a robust ABS casing for extreme climatic and operational environments
- Very discrete design for use on high sided vehicles or telemetry equipment in unmanned locations
- For secure, permanent fixing
- Does not require additional placement on metallic surface
- Meets all EU compliance criteria for electronic goods

Rev 1.0

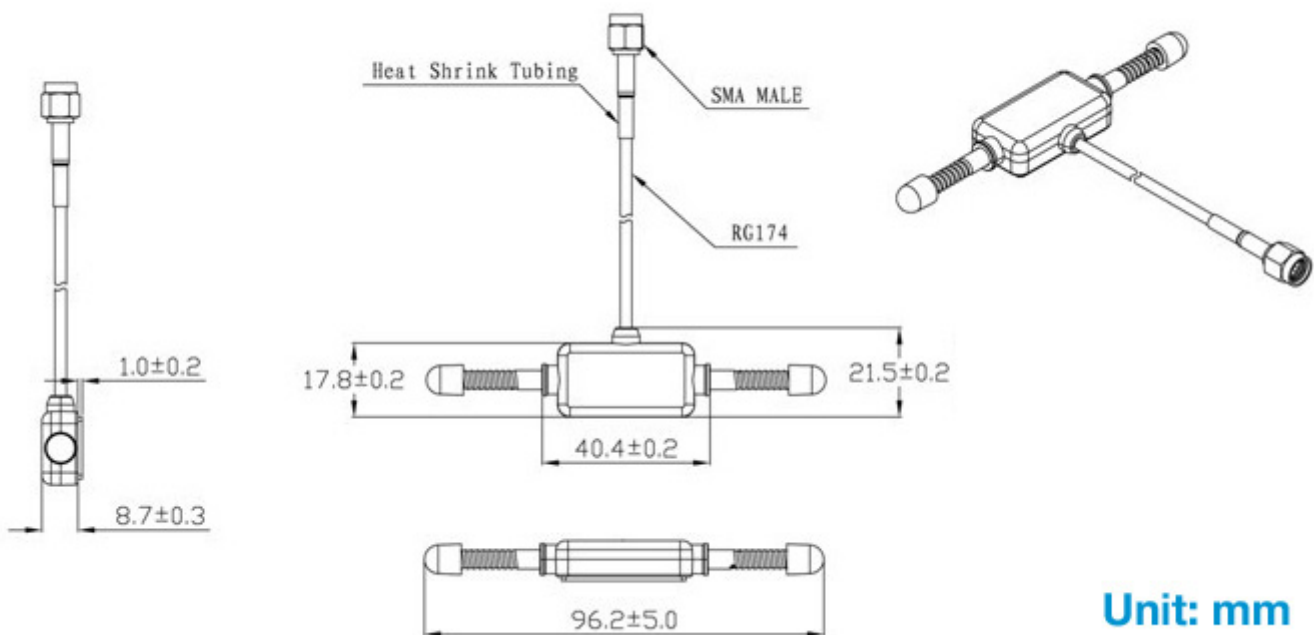
Key Specifications - Electrical

Operating temperature:	-40°C to +85°C
Impedance:	50 ohm
Peak gain:	3dBi
V.S.W.R:	<2.0
Operating frequencies:	Quad Band GSM / GPRS: 850, 900, 1800, 1900MHz 3G: 2100MHz
Polarization:	Linear

Key Specifications - Mechanical

Dimensions:	96.2 x 21.5 x 9.2mm
Cable:	RG174
Housing colour:	Black

Dimensions



Unit: mm