



## Alpha 8

GSM/GPRS (2G) UMTS (3G) & ISM Blade Antenna



### Key Features

- Quad band GSM/GPRS (2G) & UMTS (3G)
- Discrete design
- ISM 868 and 915MHz

### General Description

The Alpha 8 has been tuned for 2G GSM/GPRS and UMTS 3G frequencies.

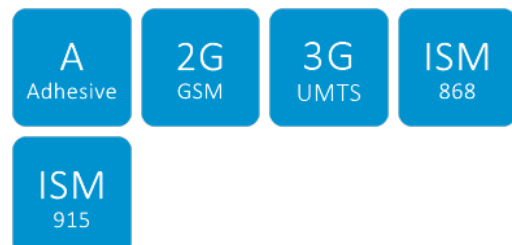
The dipole PCB is encased and heat sealed to protect against moisture ingress and is versatile enough to fit in many environments.

Supplied with various cable lengths and connector options, it is a reliable design which is already field proven making it ideal for today's telemetry applications which demand effective performance at a competitive price.

Alternative cable lengths and connector types can be specified for volume orders.

### Additional Considerations

- Sealed housing protects against moisture ingress
- Low profile and ultra thin design allows installation into many applications
- Meets all EU compliance criteria for electronic goods





## Alpha 8

GSM/GPRS (2G) UMTS (3G) & ISM Blade Antenna

### Electrical Specifications

Temperature range:	-40 - +85°C
Impedance:	50 Ohm
Gain:	2dBi
VSWR:	<3.2:1 across all operating frequencies
Operating frequencies:	824 - 960 MHz 1710 - 1990 MHz 2100MHz
Polarization:	Vertical
Radiating element:	End fed dipole

### Mechanical Specifications

Dimensions:	113 x 21 x 3mm (without cable)
Cable:	RG174
Connector:	SMA Male / FME Female

