

## MiniSat™



### **MiniSat – magnetic mount GPS antenna**

... a GPS antenna with a Low Noise Amplifier for magnetic mount. MiniSat is small and has an attractive design. It is easy to install and the antenna will not scratch your car roof when you remove it.

MiniSat has been designed to withstand hard operation conditions and a wind speed of 200 km/h (125 Mph).

The antenna comes with SMA female connector but a range of adapters are available, such as SMB female, MCX male and BNC male to suite standard GPS-systems.

- GPS antenna with a Low Noise Amplifier
- Easy magnetic mount
- Inductive coupling between antenna and ground plane
- Comes with standard SMA connector – optional adapters are available
- MiniSat is developed using the latest antenna technology

## Electrical and Mechanical data for MiniSat telematics/multi purpose magnet mount antenna



### Electrical

■ Frequency	1575.42 MHz
■ Impedance	Nominal 50 $\Omega$
■ Polarization	RHCP
■ VSWR	1.5:1 @ f <sub>0</sub> 1575.42 MHz
■ Gain	Passive: 5 dBic @ zenith on 50 x 50 mm groundplane Active: 27 dB
■ Supply voltage	3–5 V

### Mechanical

■ Dimension	43 x 33 x 15 (LxWxH) mm
■ Weight	58 g including cable and connector
■ Material	Housing: ABS
■ Colour	Black

### Environmental

■ Temperature	Storage: -40°C +80°C Operating: -25°C +70°C
---------------	--

### Other

■ Cable	RG174 2.5 m
■ Connector	SMA (male)
■ ISO9001 Certified	

Smarteq reserves the right to change specifications without prior notice.

Smarteq's business concept is to use the latest technology to develop products in the field of wireless telecommunications.  
The business is focused on the development and sale of products for the end market and the OEM market.

#### Smarteq Wireless AB

P.O. Box 4064 SE-182 04 Enebyberg Sweden  
Täbyvägen 27 Täby-Stockholm  
info@smarteq.se  
www.smarateq.com

MiniSat B/UK

**SMARTEQ™**  
WIRELESS TELECOM