

# MiniMag & Sputnik™

supports  
UMTS



## MiniMag combined with Sputnik – excellent for people on the move

MiniMag magnet antenna combined with the portable ground plane Sputnik, is an excellent solution for people on the move, for rental cars, taxis etc. Very small and light, takes minimum space in your briefcase or pocket. For frequencies up to 2500 MHz.

Improves the signal to ensure the best possible coverage for the phone.

Extremely easy to mount: just place it on the car roof. Stays on safely at speeds of over 200 km/h (125 MPH). Or place it on Sputnik ground plane with its suction cup that allows mount on any clean and vertical surface.

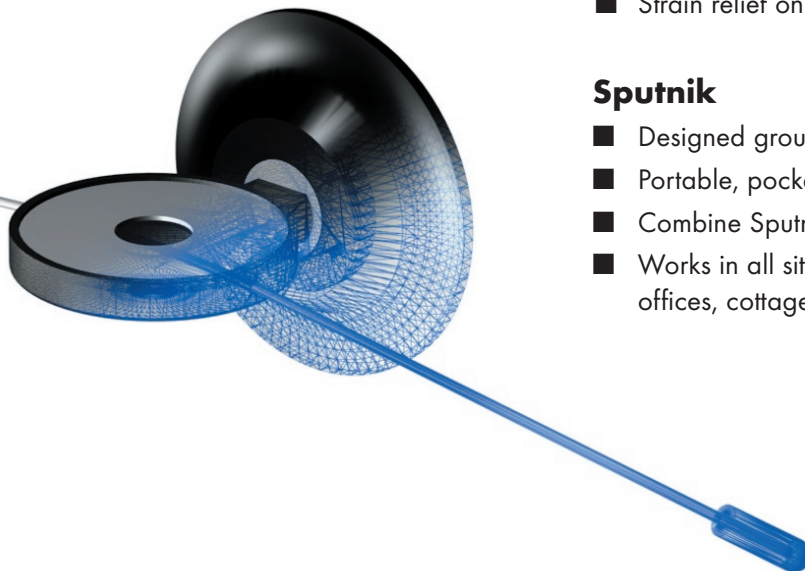
MiniMag has an attractive and discreet design and is available in complete sets, to facilitate your choice and ordering process.

### MiniMag

- Designed for reliable magnet mounting
- Operates in frequency range 450-2500 MHz
- Operates in systems NMT450, GSM900/1800, AMPS/PCS 800/1900, UMTS and Bluetooth
- Combine with Smarteq's unique Sputnik pocket size ground plane to maximize reception quality and usage areas
- Strain relief on cable

### Sputnik

- Designed ground plane with suction cup
- Portable, pocket sized, all-in-one solution
- Combine Sputnik with Smarteq's MiniMag
- Works in all situations e.g. cars, boats, trains, offices, cottages and at home



# Electrical and Mechanical data for MiniMag & Sputnik magnet mount antenna

## Electrical

■ Frequency	1140.4	890-960 MHz
	1140:14	1700-2500 MHz
	1140.24; 1140.27	824-894/1710-1880/ 1850-2170 MHz
	1140.26	890-960/1850-1990/ 1710-2170 MHz
■ Impedance	Nominal 50 Ω	
■ Polarization	Linear vertical	
■ VSWR	1140.4	1.7:1 @ BW 8%
	1140:14	2:1 @ BW 8%
	1140.24; 1140.27;	
	1140.26	2:1 @ specified freq.
■ Gain	1140.14; 1140.26;	
	1140.27	0 dBd
	1140.4; 1140.24	3 dBd (low band)/ 0 dBd (high band)
■ Max Power	10 W	



## Mechanical

■ Dimension	Base	27 x 20 (ØxH) mm
	Heigth with radiator	1140.4 270 mm
		1140.14 16.5 mm
		1140.24 300 mm
■ Weight		1140.26; 1140.27 53 mm
		1140.4 63 g
		1140.14 59 g
		1140.24 73 g
		1140.26; 1140.27 59 g
	1150.2;1150.3 74 g (incl Sputnik)	
■ Material	Base: ABS	
■ Colour	Black	

## Environmental

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

## Other

■ Cable	Mini Low Loss 2.5 m
■ Connector	FME (female)
■ 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.

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