

GSM Antenna

Part Code	Name	Size
EL910AN	GSM/GPRS Antenna Magnetic Base 2.5m	2.5m

MiniMag GSM Antenna combined with Sputnik - excellent for people on the move MiniMag magnet mount 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



Technical Specification

Electrical

Frequency	1140.4	890-960 MHz
	1140 : 14	1700-2500 MHz
	140.24; 1140.27	824-894 / 1710-1880 / 1850-2170 MHz
	140.26	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
Height with Radiator	1140.4	270 mm
	1140.14	16.5 mm
	1140.24	300 mm
	1140.26; 1140.27	53 mm
Weight	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 Operating	-25°C +70°C
Temperature Storage	-40°C +80°C

Other

Cable	Mini Low Loss 2.5 m
Connector	FME (female)

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