

SmartWing™



SmartWing is a multifunctional vehicle antenna for discreet mounting on glass inside the vehicle. Designed to meet the need of a combination antenna; GPS-mobilephone in navigation, fleet management systems and other telematics application. SmartWing is the best solution for vehicles when outside installation isn't an option.

Its slim and discreet design makes it perfect to use for all vehicles with navigation/positioning and mobile phone equipment.

- **GSM 900/1800, AMPS/PCS 800/1900/UMTS and GPS**
- **GPS antenna with a matched Low Noise Amplifier (LNA)**
- **Inside on-glass mounting with the slim and discreet design**
- **Internal mount prevents antenna vandalism, non damage of the chassis, reduce possible car cleaning accidents**
- **Double shielded low loss cable decreases attenuation, avoid interference of the radio and handsfree inside the car**

SMARTEQ™
■■■■■ antennas

www.smarteq.com



Specifications

Electrical

Frequency	Mobilephone	824–960/1710–2170 MHz
	GPS	1575.42 MHz
Impedance	Nominal 50 Ω	
Polarization	Mobilephone	Linear
	GPS	RHCP
VSWR	Mobilephone	21@BW 8%
Gain	Mobilephone	0 dBd
	GPS	Passive 2 dBic @ zenith Active 27 dB
Max Power	Mobilephone	10 W
Supply voltage	3–5 V	

Mechanical

Dimension	135 x 58 x 18 (LxWxH) mm	
Weight	110 g including cable and connectors	
Material	Housing ABS	
Colour	Black	

Environmental

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

Other

Cable	Mobilephone	Mini Low Loss 2.5 m
	GPS	RG 174 2.5 m
Connector	Mobilephone	FME (female)
	GPS	SMA (male)
Certification	ISO9001	

Smarteq reserves the right to change specifications without prior notice.

SmartWing E/U

550030C

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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