



SmartWing™

Combination Antenna

SmartWing is a combination antenna for discreet adhesive mounting on glass or plastic inside vehicles. The antenna is supporting both GPS systems and cellular systems such as 2G/3G/4G and it is the perfect solution for vehicles when outside installation is not an option.

- Cellular: 824-960MHz and 1710-2170MHz
GPS: 1575.42MHz
- GPS antenna with Low Noise Amplifier (LNA)

Specifications

Electrical

Frequencies	Cellular	824-960MHz 1710-2170MHz
	GPS	1575.42MHz
Impedance	50Ω	
Polarization	Cellular	Vertical
	GPS	RHCP
VSWR	Cellular	< 2:1
	GPS	1.5:1
Gain	Cellular	0dBi
	GPS, Passive	2dBic @ zenith
	GPS, Active	27dB
Max power	10W	
Supply voltage	3.3-5V	

Mechanical

Dimensions (L x W x H)	135 x 58 x 18mm	
Weight	110g	
Material	ABS (housing)	
Colour	Black	
Temperature	Storage / Operating	-40°C to +85°C
RoHS compliant		
Certified according to 2014/53/EU Radio Equipment Directive (RED)		

Part number Cables and connectors

707101	2.5m RG174 cable with connector SMA(m)
	2.5m MLL cable with connector FME(f)
707101-1	2.5m RG174 cable with connector SMA(m)
	2.5m MLL cable with connector SMA(m)
707101-2	2.5m RG174 cable with connector Fakra(f)
	2.5m MLL cable with connector Fakra(f)

Smarteq reserves the right to change specifications without prior notice.

Smarteq, based in Stockholm, Sweden, is a leading developer of antennas and antenna systems for increased availability. Smarteq aims towards the market segments industry, energy and vehicles.

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