

SmartWing™ LTE GNSS Combination Antenna



SmartWing LTE GNSS is the perfect solution for vehicles when outside installation is not an option.

- 2G / 3G / 4G
- LTE combination antenna with GNSS
- 790-960 / 1710-2170 / 2500-2690MHz
1575.42 / 1598.06-1609.31MHz
- Discreet adhesive mounting on glass or plastic
- Low noise figure

Specifications

Electrical

Cellular

Frequencies	790-960MHz 1710-2170MHz 2500-2690MHz
Impedance	50Ω
Polarization	Vertical
VSWR	≤ 2.5:1
Gain	2.15dBi
Max power	10W

GNSS

Frequencies	GPS Glonass	1575.42MHz 1598-1610MHz
Impedance	50Ω	
Polarization	RHCP	
VSWR	≤ 1.5:1	
Gain	27dB	
Noise figure	< 1.4dB	
Out of band rejection	Low band High band	-28dB -48dB
Supply voltage	3.3-5V	

Mechanical

Dimensions (D x H x L)	135 x 58 x 18mm	
Installation	Adhesive mount	
Cable	2.5m, RG174, black Other cable lengths are available upon request.	
Connector	Cellular GNSS	FME-f SMA-m Other connectors are available upon request.
Weight	~110g	
Material	ABS (housing)	
Colour	Black	
Temperature	Storage / Operating	-40°C to +85°C
RoHS compliant	Yes	
Certified according to 2014/53/EU Radio Equipment Directive (RED)		

Smarteq reserves the right to change specifications without prior notice.