

# 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  
(GPS: L1, Galileo: E1, Glonass: L1)
- Discreet adhesive mounting on glass or plastic
- Low noise figure

## Specifications

### Electrical

#### Cellular

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

Frequencies	GPS	1575.42MHz
	Glonass/Galileo (GPS: L1, Galileo: E1, Glonass: L1)	1598-1610MHz

Impedance	50Ω
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Polarization	RHCP
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VSWR	≤ 1.5:1
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Gain	27dB
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Noise figure	< 1.4dB
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Out of band rejection	Low band	-28dB
	High band	-48dB

Supply voltage	3.3-5V
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## 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:	FME-f, SMA-m, Fakra-f/D
	GNSS:	SMA-m, Fakra-f/C
	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.