

# LTE-ANT100B

2G/3G/4G magnetic mount dipole antenna

## Main features

- Wide band
- RoHS compliant
- Omnidirectional pattern
- Magnetic base
- Integrated neodymium magnet for support on metallic surfaces
- No ground plane required
- Suitable for wall mounting using a pair of screws (not included)

## Applications

- 2G/3G/LTE communicators
- Wi-Fi (2.4GHz only)
- IoT
- SubGHz transceivers

## Radiation

Frequency band (MHz)	700 - 750	824 - 960	1710 - 1990	2110 - 2170	2500 - 2700
Gain (dBi)	-2	-3	0.4	-1	-1
Total radiation efficiency (dB)	-4	-3	-2.5	-2	-2
S11 (dB)	<-6	<-6	<-10	<-7	<-10
Polarization	Linear	Linear	Linear	Linear	Linear



## Technical specifications

Antenna dimensions	155 x 65 x 35 mm
Operating temperature	from -20 to +85°C
Connector	SMA male
Connection cable type	Rg174 Ø2.7mm
Connection cable length	1500 mm
Weight	88 g



Evolving Security

**Inim Electronics S.r.l.**

Via dei Lavoratori 10, Loc. Centobuchi  
63076 Monteprandone (AP) ITALY  
Tel. +39 0735 705007 \_ Fax +39 0735 704912

info@inim.biz \_ [www.inim.biz](http://www.inim.biz)