

# Magnet mount antenna

For LoRaWAN, NB-IoT and Mobile Networks  
700~960 MHz, 1700~2700 MHz

This magnet mount antenna is used to increase the communication range of a product that transmits data over LoRAWAN, NB-IoT or mobile network. It is designed for mounting on metal and is delivered with a 2.5 meter cable.



## Technical specification

### Mechanics

Dimensions	Ø 29 (Base) x 90 ± 1 mm
Weight	~50 g
Connector	SMA
Cable	RG-174
Cable length	2.5 ± 0.25 m

### Electrical

Impedance	50 Ω
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### Others

RoHS Compliant	Yes
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Frequency (MHz)	VSWR	Return Loss (dB)	Efficiency (%)	GAIN (dB)
700	2.10	-9.14	54.58	-0.82
824	1.47	-14.31	67.61	-0.28
960	1.86	-10.39	58.21	-0.55
1700	2.01	-9.51	48.08	1.32
1880	1.59	-12.93	54.33	1.76
2170	1.31	-17.80	59.16	2.07
2600	1.34	-16.73	50.70	4.04
2700	1.36	-16.21	57.68	4.43

## Ordering Information

Description	Item No
Magnet mount antenna for LoRaWAN, NB-IoT, Mobile Networks (SMA connector)	9950934

