

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 available with both SMA and MCX connector, designed for mounting on metal and is delivered with a 2.5 meter cable.



Technical specification

Mechanics

Dimensions	Ø 29.6 (Base), Ø 6.3 mm (tip), 91,5 ± 0.5 mm (height). Tolerance ±0.2 mm, if not stated.
Weight	~50 g
Connector	SMA or MCX (straight or angled)
Cable	RG-174
Cable length	2.5 m

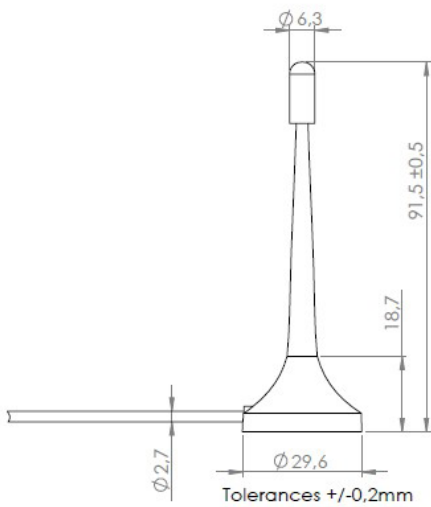
Electrical

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	2.65	-6.91	35.81	-2.29
824	1.41	-15.19	67.45	0
960	1.48	-14.26	65.31	0.17
1700	2.26	-8.20	64.12	2.28
1880	1.78	-10.96	62.52	2.19
2170	1.49	-14.17	50.23	0.63
2400	1.07	-28.45	92.68	4.89
2600	1.42	-15.27	69.34	4.83
2700	1.72	-11.44	71.45	4.99



Ordering Information

Item No	Description
9950821	Magnet mount antenna for LoRaWAN, NB-IoT, Mobile Networks (SMA connector)
9950823	Magnet mount antenna for LoRaWAN, NB-IoT, Mobile Networks (MCX connector)

