

Data Sheet

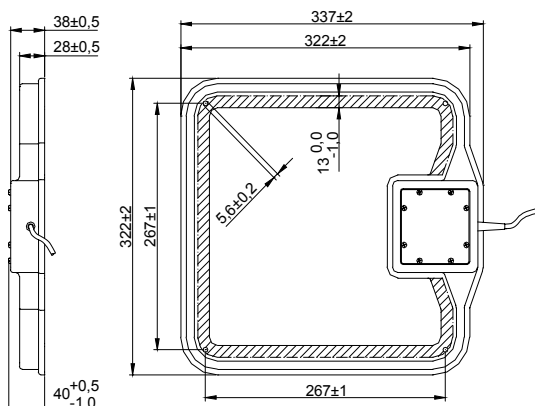
HF Reader System Series 6000 Gate Antenna

This antenna is a single-loop transmit/receive antenna with pre-set matching electronics for a transmitter frequency of 13.56MHz and impedance of 50Ω.



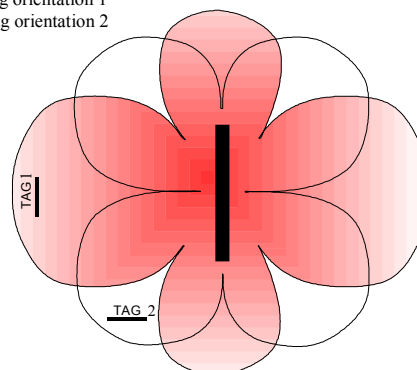
Specifications:

Part number	RI-ANT-T01A
Operating Frequency	13.56MHz
Impedance	50 Ohm $\pm$ 10 Ohm $\angle$ 0° $\pm$ 13°
Maximum RF power	8W
Operating Temperature	-25°C to +55°C
Storage Temperature	-25°C to +60°C
Case Material	Plastic ABS, black
Protection Class	IP65
Vibration	According to IEC-68-2-6 (10Hz to 150Hz: 0.15mm/2g)
Shock	According to IEC-68-2-27 (acceleration: 30g)
Dimensions (L x W x H)	337mm x 322mm x 38mm 337mm x 322mm x 40mm (incl. screw heads)
Weight	700g
Connector	SMA male (50 Ohm)
Cable	Type: RG58; Length: 3.6m $\pm$ 0.1m



Readout Pattern

- Tag orientation 1
- Tag orientation 2



For more information, contact the sales office or distributor nearest you. This contact information can be found on our web site at: <http://www.ti-rfid.com>

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