

Series 2000 Antenna Tuning Indicator



The Antenna Tuning Indicator makes the resonance tuning of TI-RFid's Standard RFM (RI-RFM-104B) and the High Performance RFM (RI-RFM-007B) easy. LED's indicate in which direction the tuning core should be turned (RI-RFM-104B) or whether tuning capacitance need to be added or removed (RI-RFM-007B) to bring a connected antenna to resonance.

As a second function, this tool helps to adjust the noise level threshold of a connected reader to best fit the actual environment of other interfering RF emitters. The Antenna Tuning Indicator also assists to optimize the wireless synchronization of a S2000 system with multiple readers and so guarantees best possible reading performance.

Specifications:

Part Number	RI-ACC-ATi2	
Operating Frequency	134.2 kHz	
Resonance Tuning Accuracy (Green LED on)	± 600 Hz	
Operation with	RF Modules:	RI-RFM-104B, RI-RFM-007B
	Reader:	RI-STU-MB2A, RI-STU-MB6A
Operating Temperature	0°C to +50°C	
Storage Temperature	- 20°C to +50°C	
Reference Documentation	11-06-21-030	Antenna Tuning Indicator Reference Guide
	11-06-21-042	High Performance RFM RI-RFM-007B
	11-06-21-035	Standard RFM RI-RFM-104B
Dimensions	Housing:	72 mm x 50 mm x 26 mm (± 1 mm)
	Overall heights:	40 mm (± 1 mm)
	Cable length:	235 mm ± 5 mm
Weight	typical 1.8 oz (51 grams)	
Approvals	CE	

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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