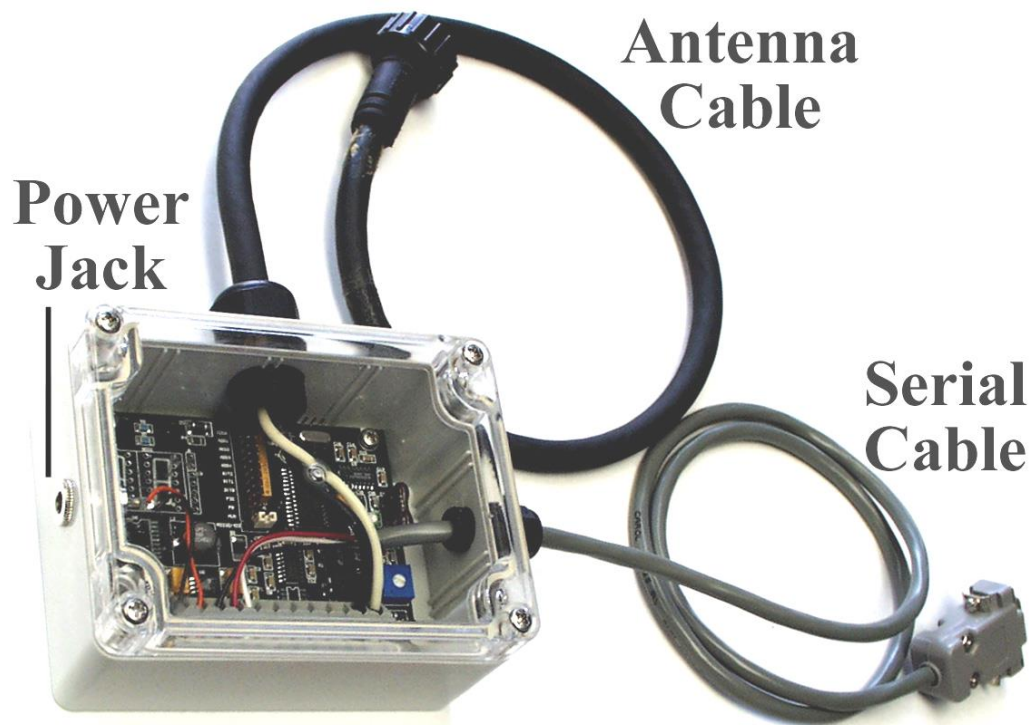




## Model 7000 Series LF 125 KHz RFID Readers

## Specifications & Data Sheet

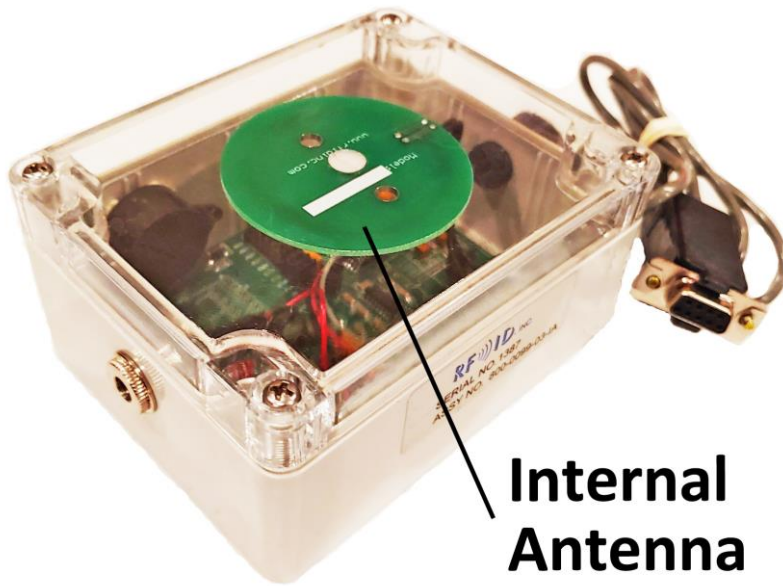


<b>Physical:</b>	Dimensions:	4.5" x 3.5" x 2.1875"	11.43cm x 8.89cm x 5.56cm
	Antenna Cable:	12' (customizable)	3.66 meters
	Weight w/o Cabling:	9 oz.	255 grams
	Weight w/Cabling:	1 lb. 12 oz.	794 grams
	Connector Options:	Power - Jack or Exposed Leads	RS232 – 9pin or Exposed Leads
	Relay Driver:	5v @ 50mA	

<b>Electrical:</b>	Input:	8 to 28vdc	
	Draw:	125mA min – 200mA max	

<b>Functions &amp; RF</b>	Frequency:	125 KHz	
	Memory Operations:	Read Only 10 hex characters	Read Write 8/16/32 characters
	LED:	On = power	Blink = read achieved
	Output:	RS232	TCPIP Option
	Compliance:	FCC, ETSI, RoHS, CE	

<b>Environment:</b>	Storage Temperature:	-55°F to 185°F (85°C)	-55°F to 185°F (85°C)
	Operating Temperature:	-40°F to +131°F (55°C)	-40°F to +131°F (55°C)



**Internal Antenna**

**Ordering Information:**

“E” = Enclosure w/Antenna Cable. Add -IA suffix to model/part number for Internal Antenna option

Model Number	Part Number	Readers
7000-RO	710-0089-04	Model 7000-RO RS232 125 KHz RFID Reader, PCB only, 10 characters read only
7000-RW8	710-0089-05	Model 7000-RW8 RS232 125 KHz RFID Reader, PCB only, 8 characters, read write
7000-RW16/32	710-0089-03	Model 7000-RW16/32 RS232 125 KHz RFID Reader, PCB only, 16/32 characters, read write
7000E-RO	800-0097-00	Model 7000E-RO RS232 125 KHz RFID Reader, pigtailed serial/power, 10 characters read only
7000E-RW8	800-0096-00	Model 7000E-RW8 RS232 125 KHz RFID Reader, pigtailed serial/power, 8 characters read write
7000E-RW16/32	800-0099-00	Model 7000E-RW16/32 RS232 125 KHz RFID Reader, pigtailed serial/power, 16/32 char read write
7001E-RO	800-0097-01	Model 7001E-RO RS232 125 KHz RFID Reader, pigtailed serial w/power jack, 10 char read only
7001E-RW8	800-0096-01	Model 7001E-RW8 RS232 125 KHz RFID Reader, pigtailed serial w/power jack, 8 char read write
7001E-RW16/32	800-0099-01	Model 7001E-RW16/32 RS232 125 KHz RFID Reader, pigtailed serial w/power jack, 16/32 char read write
7002E-RO	800-0097-02	Model 7002E-RO RS232 125 KHz RFID Reader, 9 PIN serial, power pigtailed 10 characters read only
7002E-RW8	800-0096-02	Model 7002E-RW8 RS232 125 KHz RFID Reader, 9 PIN serial, power pigtailed, 8 char read write
7002E-RW16/32	800-0099-02	Model 7002E-RW16/32 RS232 125 KHz RFID Reader, 9 PIN serial, power pigtailed, 16/32 char read write
7003E-RO	800-0097-03	Model 7003E-RO RS232 125 KHz RFID Reader, 9 PIN serial w/power jack, 10 characters read only
7003E-RW8	800-0096-03	Model 7003E-RW8 RS232 125 KHz RFID Reader, 9 PIN serial w/power jack, 8 char read write
7003E-RW16/32	800-0099-03	Model 7003E-RW16/32 RS232 125 KHz RFID Reader, 9 PIN serial w/power jack, 16/32 char read write
<b>External Antennas</b>		
5100	719-0013-04	Model 5100 Yellow Prox RFID Antenna
5101	719-0014-04	Model 5101 Yellow Small Prox RFID Antenna
5110	719-0015-04	Model 5110 Black Hockey Puck RFID Antenna
5120	719-0016-04	Model 5120 10.5" White Tubular RFID Antenna
5150	719-0026-04	Model 5150 7" x 7" Flat Pack RFID Antenna
5160	719-0027-04	Model 5160 12" x 12" Flat Pack RFID Antenna
5180	719-0064-04	Model 5180 Conveyor RFID Antenna
5189	719-0089-00-IS	Model 5189 Flush Mount Metal Pot Core RFID Antenna, 8mm diameter x 5.5mm tall
<b>Accessories - Power Supplies – Antenna Cable</b>		
PS12PT-R3-1	720-0004-07	Model PS12PT Regulated AC power supply w/pigtail wiring, 12 vdc 750 mA
PS12PJ-R3-1	720-0004-06	Model PS12PJ Regulated AC power supply w/power jack plug, 12 vdc 750 mA
51C12	730-0005-12	Model 5100A1 Antenna Cable, 12 ft