



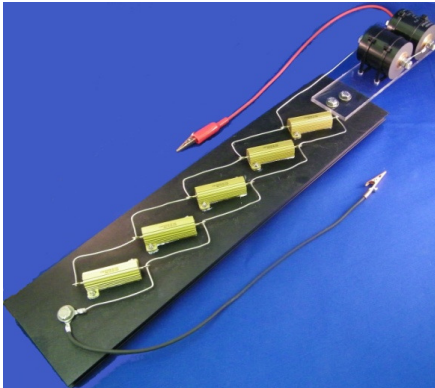
Southern Avionics Company

Site Test Equipment - Low Power

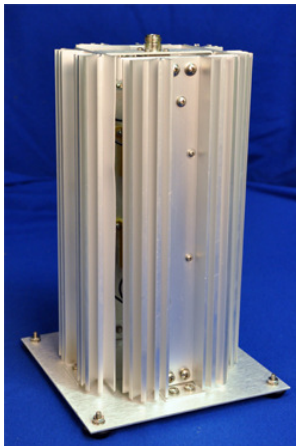
Part Number: SLF10102

SPECIFICATION SHEET

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Antenna Simulator



50 Ohm, 200W Test Load



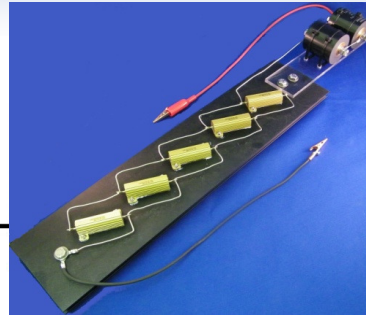
Bird Watt Meter and Element

FEATURE	SPECIFICATION
Antenna Simulator	
Capacitance	500 pF
Resistance	10 Ohms
Power Rating	250 Watts
Voltage Rating	12 KV
Current Rating	3.4 amps, Max at 190 kHz
Frequency of Operation	190 - 650 kHz
Dimensions	4 x 24 x 5 in. (10 x 61 x 13 cm)
Weight	4 lbs. (1.8kg)
Compatibility	Up to 250 Watts
Optional Equipment	Spare Connection Cable
Test Load	
Resistance	50 ohms
Power Rating	200 Watts
Current Rating	2 amps
Frequency of Operation	190 - 650 kHz
Dimensions	13 x 8 x 8 in. (33 x 20 x 20 cm)
Weight	7 lbs. (3kg)
Connection	Type-N
Compatibility	Up to 200 Watts
Optional Equipment	7 ft. interface replacement cable
Bird Watt Meter	
Power Range	2 mW - 10 W, 20 mW - 100 W, 200 mW - 1 kW, or 2 W - 10 kW
Frequency Range	200 kHz - 2.3 Ghz CW or FM
Connectors	QC Type (Female N)
Operating	To 120% of nominal full scale (12, 120, 1200 or 12000 W)
Dimensions	7 x 5 x 4 in. (18 x 13 x 10 cm)
Weight	4 lbs. (2kg)

*Information provided is subject to change without notice



ATU



Antenna Simulator

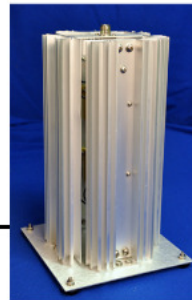
Antenna Simulators are used to tune the coupler. Southern Avionics sells and can ship with your NDB, an antenna simulator for use during installation, testing, and maintenance.

Antenna Simulator is used when:

1. Operating a complete system in a lab environment.
2. Simulating the antenna in the field to troubleshoot possible ATU or Antenna problems.



NDB Transmitter



Test Load

Test Loads are highly recommended for installation and testing to protect your valuable equipment. Southern Avionics sells, and can ship with your NDB, a 50 ohm non-reactive test load for use during installation, testing, and maintenance.

Test Load is used when:

1. Operating Transmitter in a lab environment.
2. Troubleshooting the secondary Transmitter in the field.



Bird Watt Meters and Elements are highly recommended for installation and testing to protect your valuable equipment.

Bird Watt Meters and Elements are used when:

1. Operating Transmitter in a lab environment.
2. Measuring the power flow and load match in the field.