



# Southern Avionics Company

Site Test Equipment - 250W (190 - 535 kHz)

Part Number: SLF10102

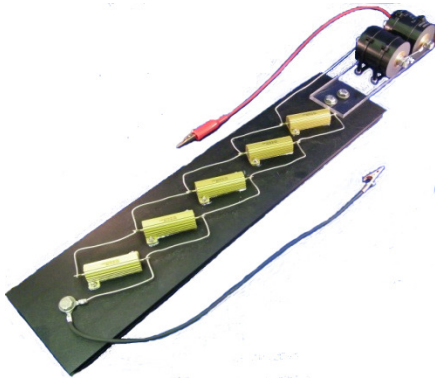
SPECIFICATION SHEET

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**Antenna Simulator**



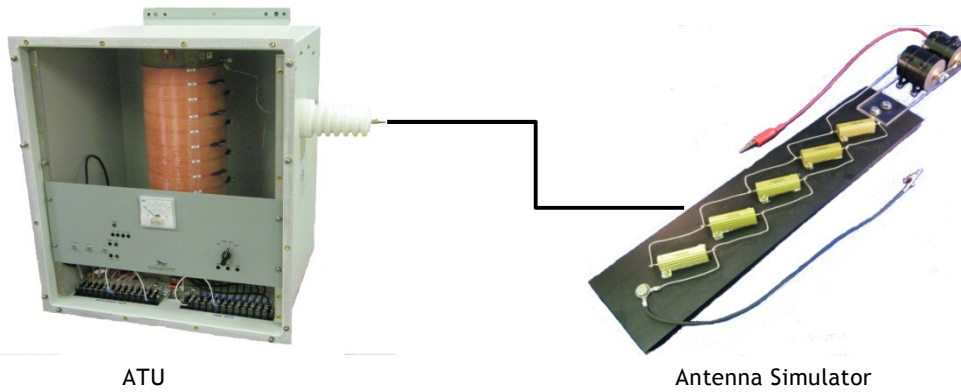
**50 Ohm, 250 Watt Test Load**



**Bird Watt Meter and Element**

FEATURE	SPECIFICATION
<b>Antenna Simulator - SLF10064</b>	
Capacitance	500 pF
Resistance	10 Ohms
Power Rating	250 Watts
Voltage Rating	12 KV
Current Rating	3.4 amps, Max at 190 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 Cables
<b>Test Load - SLF10084</b>	
Resistance	50 Ohms
Power Rating	250 Watts carrier
Current Rating	2.8 Amps
Dimensions	13 x 8 x 8 in. (33 x 20 x 20 cm)
Weight	7 lbs. (3kg)
Connection	Type-N (female)
Compatibility	Up to 250 Watts carrier 1000 Watts PEP
Included Equipment	Two 7 ft. RF interface cables
<b>Bird Watt Meter and Element - SLF83358</b>	
Power Range	2 mW - 10 W, 20 mW - 100 W, 200 mW - 1 kW, or 2 W - 10 kW
Frequency Range	190 kHz - 535 kHz
Connectors	Type-N (female)
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)
Included Equipment	Three 7 ft. RF interface cables

\*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.