



Southern Avionics Company

Site Test Equipment - High Power (190-535kHz)

Part Number: SLF10104

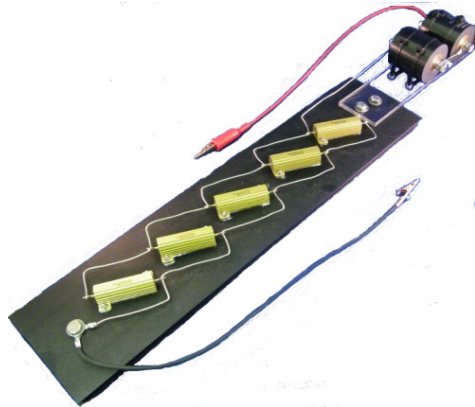
SPECIFICATION SHEET

5055 Belmont, Beaumont, TX 77707

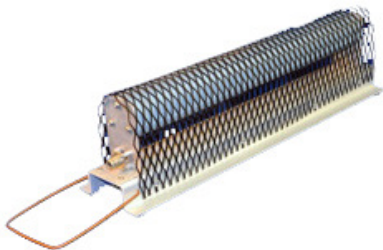
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Antenna Simulator



50 Ohm, 1000W Test Load



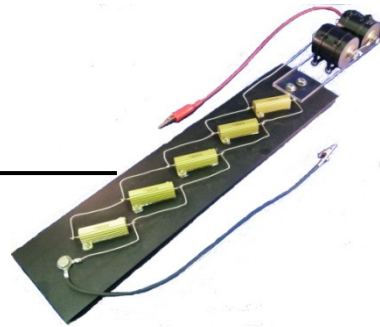
Bird Watt Meter and Element

FEATURE	SPECIFICATION
SLF10064 - 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
SLF10085 - Test Load	
Resistance	50 Ohms
Power Rating	1000 Watts
Current Rating	4.5 amps, Max at 190 kHz
Frequency of Operation	190 - 650 kHz
Dimensions	7 x 24 x 5 in. (18 x 61 x 13 cm)
Weight	8 lbs. (4kg)
Connection	Type-N (Female)
Compatibility	Up to 1000 Watts
Optional Equipment	7 ft. interface replacement cable
SLF83358 - Bird Watt Meter and Element	
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	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)

*Information provided is subject to change without notice



ATU



Antenna Simulator

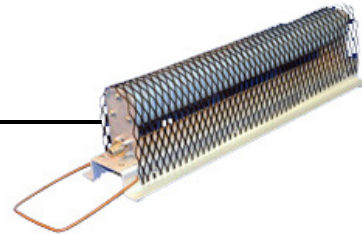
Antenna Simulators are used to tune the coupler. Southern Avionics can sell or ship with your NDB, an antenna simulator for use during installation, testing, and maintenance.

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 can sell or 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.