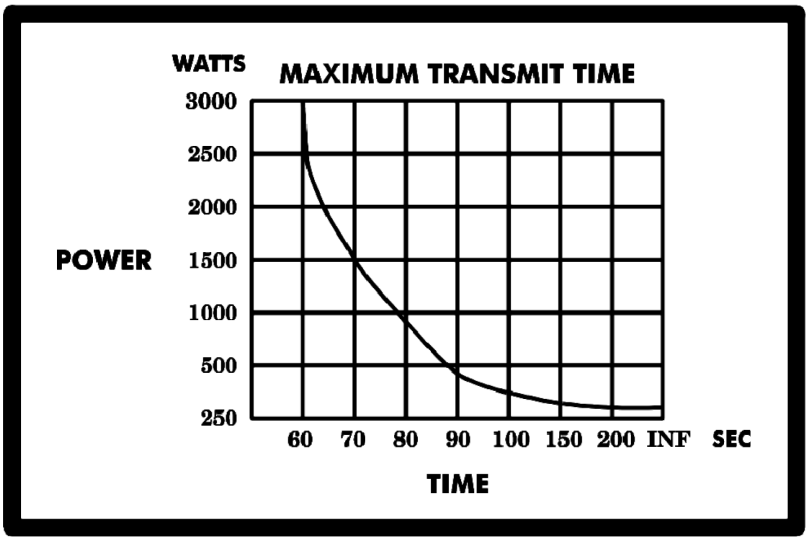
# *VECTRONICS*

# DL-2500 High Power Dummy Load

VECTRONICS' Dry Fan Cooled Dummy Load simulates an accurate 50 Ohm antenna up to 150 MHz, enabling you to test your transmitter without radiating a signal on the air.

- DC to 150 MHz.
- Simulates a matched 50 Ohm antenna to test your transmitter.
- Handles short-term RF power up to 2500 watts
- VSWR of less than 1.3:1 at 150 MHz.
- Power Dissipation: 2500 watts average - up to 1 minute maximum.
  Fan must be used at high power levels.
- Duty Cycle: 50% with fan.
- Voltage Gradient: 10 kV per inch.
- Resistor Type: Dispersed carbon particles fired in a ceramic matrix.
- Energy Density: 7000 J / inch$^3$ / second.
- Compact and lightweight.



**BEFORE USING YOUR DL-2500 DUMMY LOAD, PLEASE INSTALL THE FOUR (4) RESISTORS FOUND IN THE SHIPPING CARTON!**

**FIGURE 1 (Top View)**

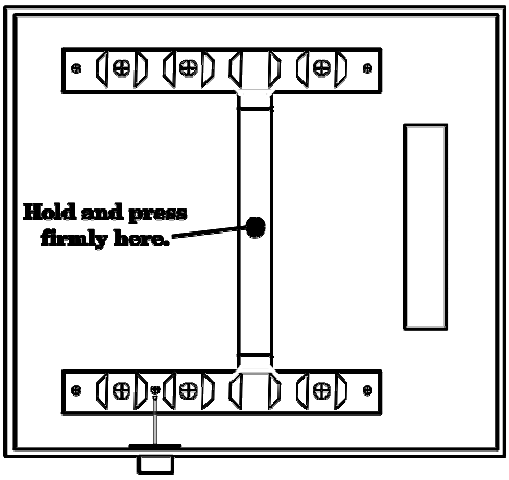
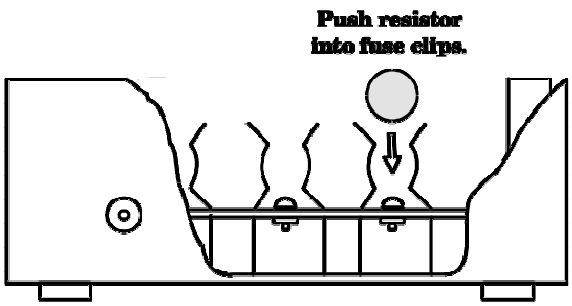



**FIGURE 2 (Side View)**




## INSTALLATION PROCEDURE:

1. Remove the top cover.
2. **CAREFULLY** unwrap the resistors. **NOTE: The resistors are made of a fragile ceramic material - use caution when handling.**
3. Install the resistors into clips as shown in Figures 1 and 2 above. Hold the resistor in the middle and press it firmly and evenly into its clip. Insert the middle resistors first.
4. Replace the cover noting the position of the connector identification on top.

## TECHNICAL ASSISTANCE

If you have any problem with this unit first check the appropriate section of this manual. If the manual does not reference your problem or your problem is not solved by reading the manual you may call VECTRONICS at 662-323-5869. You will be best helped if you have your unit, manual and all information on your station handy so you can answer any questions the technicians may ask.

You can also send questions by mail to VECTRONICS, 300 Industrial Park Rd, Starkville, MS 39759 or by Fax to 662-323-6551. Send a complete description of your problem, an explanation of exactly how you are using your unit, and a complete description of your station.