

Thank you for purchasing the Intellitron DL-1560. This compact, ventilated dummy load uses a precision non-inductive resistor housed inside a perforated aluminum cage, extending frequency response to 650 MHz and beyond. It safely handles 300 watts for up to 30 seconds—ideal for tuning transmitters or collecting test data. A derating chart on the enclosure indicates safe durations for lower power levels.

SPECIFICATIONS

- Frequency: 1-650 MHz
- SWR: <1.1:1 @ 30 MHz, <1.5:1 to 650 MHz
- Max Power: 300W for 30 seconds
- Connector: SO-239
- Dimensions: 2-1/4" x 2-1/4" x 7"

ASSEMBLY & SETUP

Important: The load resistor is packed with the DL-1560, uninstalled. It is placed in a fiber tube to protect it from shipping damage. Inspect before installation.

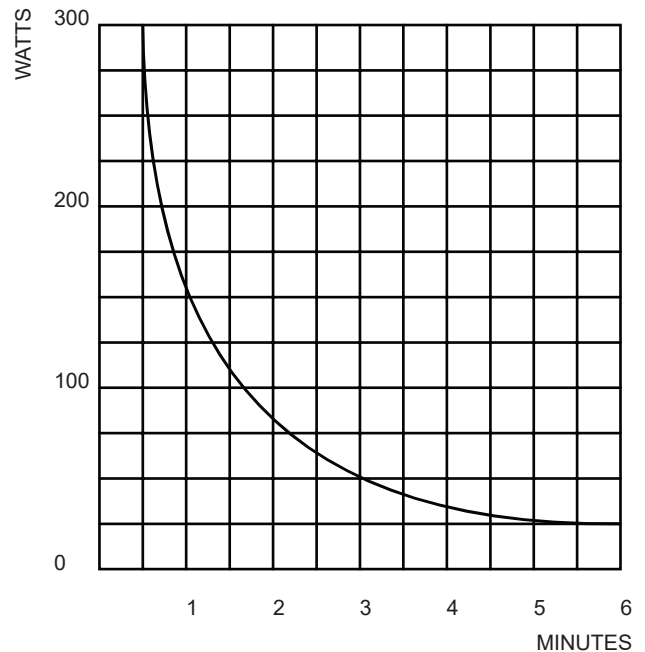
Installing the Resistor:

1. Inspect Resistor – Check for cracks or physical damage.
2. Remove Lid – Unscrew 8 lid screws (4 per side) and lift the top.
3. Open Resistor Cage – Remove 4 blunted-tip screws from cage. Keep separate from pointed lid screws
4. Install Resistor – Seat firmly in the spring clips, centered within the cage.
5. Reassemble
 - Use blunted screws for cage lid.
 - Use pointed screws for chassis lid.
6. Verify Resistance – Check ~50 ohms across SO-239 connector before applying RF.

For safe tuning:

- Do not exceed 30 seconds at 300W.
- Refer to the printed derating chart for safe duty cycles at reduced power.

DERATING CURVE



TWO YEAR LIMITED WARRANTY

This Limited Product Warranty is provided by the Dealer where your Intellitron product was purchased. The Product Warranty extends only to the original purchaser of the product and is valid for a period of two years from the date of purchase. Please keep your dated sales receipt as evidence of the date of purchase. You will need it to receive warranty service. Your Dealer warrants the product will be free from defects in workmanship and materials under normal use. If the product fails to conform to the warrant and is within the warranty period of two years, contact your original dealer for a return authorization. Your dealer may choose to either repair or replace the non-conforming product.