

# Simple Dummy Load

Presentation for the  
285-TechConnect Meeting

Dale Keller, ACØST

# Typical Dummy Load Resistors

- The classic dummy load is made from a bunch of 2 watt carbon composition resistors.
- Carbon resistors are becoming somewhat scarce, especially in the 2 watt variety.
- It takes a bunch of resistors, and a bunch of soldering.
- Additional cooling requires a bucket of oil or a fan.



# Caddock Resistors

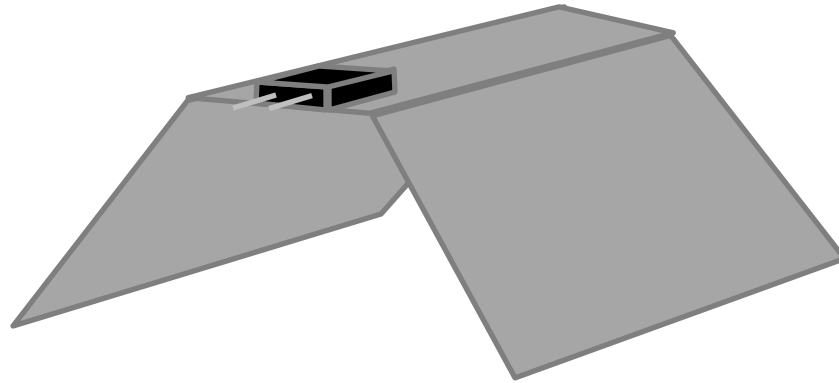
- Caddock makes a line of low cost, heatsink mountable, zero-inductance, precision high power resistors – the MP900 and MP9000 series.
- Available in 15, 25, 30, and 100 watts.
- Available in many resistance values.



Mouser: 50 ohm 15 watt MP915-50 \$3.05

Mouser: 100 ohm 100 watt MP9100-100 \$9.88

# Quick and Dirty Dummy Load



- You can just mount the resistor on an aluminum heat sink.

# Mounted in a Can



- Two 100 watt, 100 ohm resistors mounted in parallel.
- Each one is attached to a 4"x12" aluminum heatsink fin with thermal paste.
- Two connectors: an SO-239 and a BNC.