

## August 2024 Build a Thon

### “Paint Can” Dummy Load\*

#### Parts List

A one-quart paint can. (Empty) Ace Hardware  
2 Pieces of Perf Board. (Dean will supply this) instead of the copper sheet  
Optional. One quart of mineral oil  
Twenty 1K ohm, 3-Watt Metal Film Resistors Amazon \$6.49 (You order yourself)  
1 SO-239 panel connector. (Amazon sells in packs of 3 or obtain from HRO)  
1 BAV21 250-volt signal diode (Pack of 100 at Amazon for \$7.99)  
1 0.01uf 250v ceramic disc capacitor (Pack of 25 at Amazon for \$5.74)  
1 pair of binding posts (10 pairs at Amazon for \$11.99)  
about 4" of 12AWG solid copper wire

Note: I will order some of the parts from Amazon but I need a count beforehand of who wants to build this (note this in the registration). I will need reimbursement for the parts from the builders at the time of build on August 3<sup>rd</sup>.

\* Can accept up to 300 Watts **if** filled with oil.