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INSTRUCTION SHEET  
FOR  
RF COAXIAL TERMINATIONS  
INTERLOCK OVERTEMP  
THERMOSWITCH

### General

Usage guidelines for the Bird 8251T Load. The 8251T load has been equipped with an interlock over-temperature thermoswitch. It will provide a safeguard against damage that might occur from accidental transmitter power overload or equipment malfunction. Being normally closed, the thermoswitch opens at a maximum safe load temperature. When connected in series with the transmitter power interlock, it turns off the transmitter power if the load temperature exceeds a safe level.

This unit has a temperature adjustment screw that has been set from the factory for the maximum allowable operating temperature of the load. **DO NOT ADJUST!**

**WARNING**  
Remove and replace cover while no power is applied to unit.

**CAUTION**  
The thermoswitch has a factory preset temperature adjustment screw.  
Do not adjust this screw!

1. Unscrew the cover screws and remove the thermoswitch cover.
2. Thread the interlock wires through the grommet on the side of the cover.
3. Wrap the interlock wires around the terminals and clamp them in place with the terminal nuts.

**Note:** Do not apply more than 10 in-lb. (1.1 Nm) of torque to the terminal nuts.

4. Replace the cover.
5. Check the requirements of the transmitter interlock and make connections as required.

