

MFJ-264 DUMMY LOAD INSTRUCTIONS

The MFJ-264 is a dry air-cooled resistive dummy load. This resistor load is capable of handling high short-term RF loads. A reasonable cool down period is needed to keep the resistor from becoming permanently damaged. The cool down period needs to be about 10 to 20 times the load usage. The load can be temporarily immersed in clean water to speed up cool down time. Thoroughly dry the load by blowing forced air through it before using it again. Never operate this load while it is immersed in any liquid.

OPERATION

1. Become familiar with the POWER CAPABILITY curve so that overheating of the resistor can be avoided.
2. Connect the transmitter to the input of the dummy load. Use a PL-259 connector.

NOTE: Do not let the dummy load resistor get hot enough to glow red. If the dummy load resistor starts to glow red, turn the transmitter off immediately and allow

SPECIFICATIONS IMPEDANCE: 50 OHMS VSWR: Less than 1.3:1 at less than 650 MHz

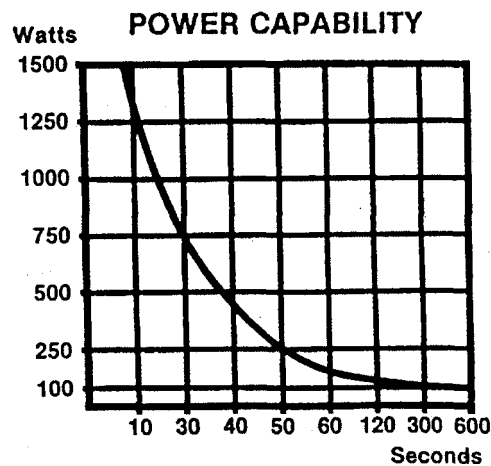
POWER DISSIPATION: 1500 Watts for less than 10 seconds. 100 Watts for 10 minutes

VOLTAGE GRADIENT: 10 kV / inch

OPERATING TEMPERATURE: Up to 350°C

FREQUENCY RANGE: 1-650 MHz; usable to 750 MHz

WARNING: DO NOT EXCEED THE POWER LOAD VALUES GIVEN. THE RESISTOR CAN BE PERMANENTLY DAMAGED.



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