

## 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

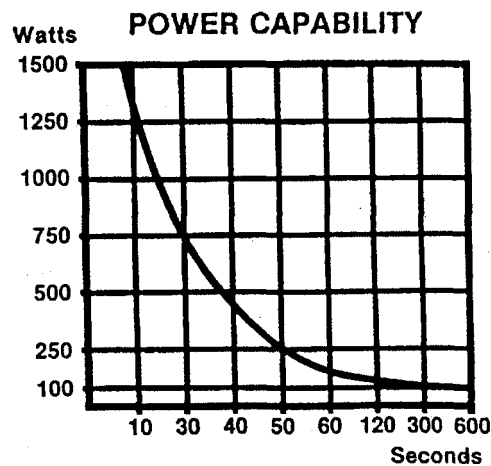
POWER DISSIPATION: 1500 Watts for less than 10 seconds. 100 Watts for 10 minutes

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.**



## LIMITED 12 MONTH WARRANTY

MFJ Enterprises, Inc. warrants to the original owner of this product, if manufactured by MFJ Enterprises, Inc. and purchased from an authorized dealer or directly from MFJ Enterprises, [Inc. to](#) be free from defects in material and workmanship for a period of 12 months from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof of purchase to MFJ Enterprises, [Inc. at](#) the time of warranty service. MFJ Enterprises, Inc. shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. MFJ Enterprises, Inc. agrees to repair or replace at MFJ's option without charge to the original owner any defective product under warrantee provided the product is returned postage prepaid to MFJ Enterprises, Inc. with a personal check, cashiers check, or money order for \$7.00 covering postage and handling.
3. This warranty is NOT void for owners who attempt to repair defective units. Technical consultation is available by calling the Service Department at 662-323-0549 or the MFJ Factory at 662-323-5869.
4. This warranty does not apply to kits sold by or manufactured by MFJ Enterprises,
5. Wired and tested PC board products are covered by this warranty provided only the wired and tested PC board product is returned. Wired and tested PC boards installed in the owner's cabinet or connected to switches, jacks, or cables, etc. sent to MFJ Enterprises, Inc. will be returned at the owner's expense unrepai red.
6. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person or property by the use of any MFJ products.
7. Out-of-Warranty Service: MFJ Enterprises, Inc. will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
8. This warranty is given in lieu of any other warranty expressed or
9. MFJ Enterprises, Inc. reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
10. All MFJ products to be serviced in-warranty or out-of-warranty should be addressed

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and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.

11. This warranty gives you specific rights, and you may also have other rights which vary from state to state.