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SALES SERVICE BULLETIN NUMBER 8002

RF Power Dissipator
TMC Model TER-25K-50U



PH-1424

TMC's Model TER-25K-50U provides RF termination of 25 kw average power, 50 kw peak power, within the frequency range of DC to 30 megacycles.

Model TER-25K-50U is housed in a semi-pressurized metal cabinet, and provided with forced air cooling.

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TECHNICAL SPECIFICATIONS, Model TER-25K-50U

FREQUENCY RANGE: D. C. to 30 mcs.

POWER DISSIPATION: 25 kw average — 50 kw PEP Unbalanced.

NOMINAL IMPEDANCE: 50 ohms.

OPERATING TEMPERATURE: —40° F to +100° F Ambient.

COOLING: Forced air cooling by means of four base mounted fans.

AC POWER REQUIREMENTS: 115/230 v, 1 ϕ , 50-60 cps, approx. 400 watts required.

RESISTORS: Special Pyrex glass blank with resistive element electro-fused in surface of glass. Baked silicone protective coating. Silver fired-on bands to provide positive connection. Resistor spiral cut to insure even heat dissipation.

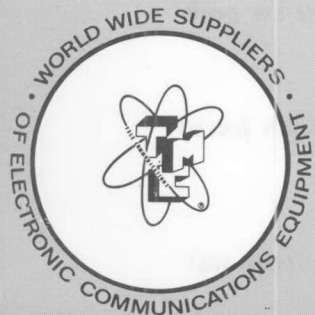
SIZE: 70" high 44" wide 22½" deep.

WEIGHT: Approximately 425 pounds.

COMPONENTS AND CONSTRUCTION: Equipment manufactured in accordance with JAN specifications wherever practicable.

OPTIONAL ITEMS:

1. 3½" EIA flange, directional coupler and meter to indicate forward and reflected power.
2. 3½" EIA flange and blank panel in lieu of directional coupler and meter.
3. QDL connector and blank panel in lieu of directional coupler and meter.
4. QDL with directional coupler and meter to indicate forward and reflected power.
5. 1½" EIA flange adapter which can be used with 1 or 2 above.



The TECHNICAL MATERIEL CORPORATION

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