

Cut-Away View, Model TER - 3500

The TMC Transmitting Dissipator Model TER-3500 is an essentially resistive termination capable of dissipating 1750 watts of RF energy from DC to 30 megacycles.

The TER-3500 is housed in a fibreglass reinforced plastic case for pole or frame mounting. The case provides protection from the elements and is fitted with screened vent ports for proper air circulation. All metals used are non-ferrous, insulation is of teflon and the entire assembly is protected by a silicone spray.

The resistors are of a new design providing a minimum of reactance. They are a spiral tape wound resistance on a glass base, coated with silicone. The entire resistor assembly is shock mounted in the plastic case and may be quickly removed for service. The resistor characteristics are such that they may be instantly brought up to full rated output power at minus 40 degrees centigrade without harm.

TECHNICAL SPECIFICATIONS

RESISTANCES: TER 3500(600) Nominally 600 ohms.
TER 3500 (70) Nominally 70 ohms.

DISSIPATION RATING: Up to 1750 watts at 30 megacycles.

INPUT TERMINALS: Mykroy insulated bowls spaced 7" apart.

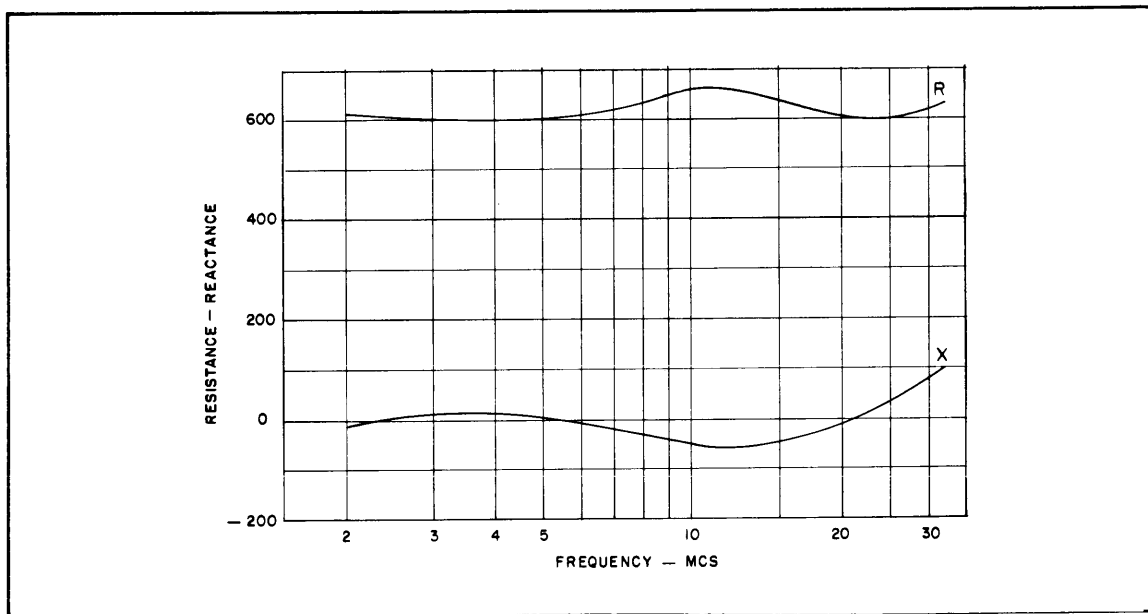
CASE: Fibreglass reinforced plastic.

CASE DIMENSIONS: Approx. 22" high x 12" deep x 14" wide.

OVERALL DIMENSIONS: Approx. 26" high x 14" deep x 18" wide.

MOUNTING DIMENSIONS: Two mounting straps 14" apart with mounting holes at 1" intervals from a 9" center.

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



Impedance Characteristics, Model TER-3500

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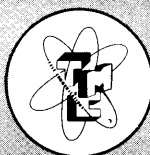
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THE TECHNICAL MATERIEL CORPORATION

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