

DATE 10/4/56

SH. 1 OF 1

COMPILED BY  
ARB MHS

TMC

SPECIFICATION NO. S-309

TITLE: TRANSMITTER DISSIPATOR, DUMMY LOAD,

JOB

APPROVED

MODEL TER 5000 (600)

TECHNICAL SPECIFICATIONS:

FREQUENCY RANGE:	DC to 31 Mc.
DISSIPATION RATING:	5000 watts average 10000 watts peak.
NOMINAL IMPEDANCE:	600 ohms balanced.
INPUT TERMINALS:	Ceramic bowls spaced 12" apart.
LIGHTNING PROTECTION:	Adjustable spark gaps.
CASE SIZE:	64" high x 25" deep x 47" wide.
MOUNTING DIMENSIONS:	See attached print.
VENTILLATION:	Convection air cooling with adjustable sideports.
OPERATING TEMPERATURE:	-40 to +100 deg C ambient.
RESISTORS:	Special pyrex glass blank with resistive element electro-fused in surface of glass. Baked silicone protective coating. Silver fired-on hands to provide positive connection. Resistor spiral cut to insure even heat dissipation.
RESISTOR DEMENSIONS:	48" long x 5" diam. x approx. 3/8" thick.
RESISTOR MOUNTING:	Mounted in spring suspended frame to compensate for thermal expansion.
CASE:	Fiberglass reinforced plastic.
SHIPPING DATA:	Net- 125 lbs Gross- 275 lbs. 73" x 28" x 49"