



**WATER-  
COOLED**

## Model 97125 RF Coaxial Load Resistor

The OMEGALINE® MODEL 97125 is an extraordinary water-cooled terminator for 50-ohm coaxial transmission line systems that exhibit excellent and stable RF characteristics during their full range of operating power. The rugged, precision-designed configuration of the 9700 Series provides reliability, serviceability, convenience and economy well suited for today's modern RF application.

### FEATURES:

- Low Cost • Lightweight • Rugged Construction • Any operating position
- RF power is dissipated in a proven, ceramic, rugged, film-type cylindrical resistor
  - Potable water in open or closed systems • Brass, Stainless Steel and Aluminum construction
  - No field adjustments needed • Non-contaminating water circuit

### SPECIFICATIONS

POWER RATING (CONTINUOUS DUTY)	125 KW
FREQUENCY RANGE	50 Hz to 450 MHz standard (up to 800 MHz with optimization)
IMPEDANCE	50Ω nominal
VSWR	1.15:1 to 800 MHz
WATER CONNECTORS	¾" (garden hose) or ¾" NPT
INPUT CONNECTION	3-1/8" / 6-1/8" EIA or 3-1/8" Flangeless
NOMINAL DIMENSIONS	21.6 cm x 78.7 cm (8-1/2" x 31")
NOMINAL WEIGHT (depending on connections)	16 kilograms (36 lbs.)

### Model 97125



**ALTRONIC  
RESEARCH INC.**

**CALL TOLL FREE 1-800-482-LOAD**

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