



# ***9700 S SERIES***

## ***Low Reflection***

### ***Water Cooled Loads***

A stable, near reflection-less load is a key component in any Semiconductor or ISM industry test setup seeking to characterize a device or system with the greatest possible repeatability and accuracy. The new 9700 S Series water loads have been specifically designed to address these goals with a guaranteed Max VSWR of  $\leq 1.05$  and upper frequency response of 100 MHz to give customers the assurance they can rely on the lowest reflection loads possible to meet their test system requirements. By utilizing Power Film System's\* low TCR proprietary resistors along with Altronic's water-cooled load designs, these loads provide superior results. The 9700 S Series is available in power ratings of 5kW, 15kW, 25kW and 50kW.

\* a subsidiary of Altronic Research Inc.

#### **SPECIFICATIONS:**

Power Rating: 5kW to 50kW continuous CW  
Impedance: 50 ohms nominal  
Tolerance: 4% standard (3%, 2%, 1% available)  
Frequency Range: 60 Hz to 100 MHz  
VSWR:  $\leq 1.05:1$   
Max. Outlet Water Temp.: 90°C  
Max. Inlet Water Pressure: 100PSI  
Water Flow: 4gpm  
Water Connectors: 3/4" (garden hose) or 1/2" NPT  
RF Connectors: 1 5/8" / 3 1/8" EIA or Flangeless / QC (Various)  
Dimensions: Approx. 4 1/2" x 15" (11.4 cm x 38.1 cm)  
Weight: Approx. 9 1/2 lbs. (4.3 kg)  
Finish: Conversion Coating & Bright Nickel



## **ALTRONIC RESEARCH INC.**

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

P.O. BOX 249, Yellville, AR 72687 (870) 449-4093

[altronic.com](http://altronic.com)