



1100 SERIES MAXIMUM STABILITY OIL COOLED DUMMY LOADS



The 1100 Maximum Stability Series has been specifically designed for the Semiconductor and ISM industry of operation at 13.56 MHz. These loads demonstrate the same reliability that all Altronic dummy loads are known for around the world. While providing better RF characteristics than what has previously been available, these loads also have better RF stability under full power. By utilizing Power Film Systems' low TCR proprietary resistors along with higher performing cooling dielectric oil, these loads provide superior results not seen in the industry.

FEATURES:

- Maximum VSWR Stability
- Higher Performing Cooling Dielectric Oil
- Overtemp Interlock
- Less than 1% change in VSWR over Full Power Range at 13.56MHz

SPECIFICATIONS

	MODEL 1101MS	MODEL 11015MS	MODEL 11025MS	MODEL 1105MS	MODEL 1110MS
POWER RATING (RMS) (CONTINUOUS DUTY)	1 KW	1.5 KW	2.5 KW	5 KW	10 KW
FREQUENCY RANGE	DC to 60 MHz	DC to 60 MHz	DC to 60 MHz	DC to 60 MHz	DC to 60 MHz
IMPEDANCE	50Ω nominal	50Ω nominal	50Ω nominal	50Ω nominal	50Ω nominal
VSWR @ 13.56 MHz	< 1.05:1 < 1.1 up to 60 MHz	< 1.05:1 < 1.1 up to 60 MHz	< 1.05:1 < 1.1 up to 60 MHz	< 1.05:1 < 1.1 up to 60 MHz	< 1.05:1 < 1.1 up to 60 MHz
AC POWER REQUIRED	N/A	N/A	N/A	N/A	115-240VAC 60Hz (50 Hz available)
INPUT CONNECTORS	QC, Stub	QC, Stub	QC, Stub	QC*, 1-5/8"EIA, 3-1/8"EIA	QC*, 1-5/8"EIA, 3-1/8"EIA
NOMINAL DIMENSIONS (INCL. CONNECTIONS)	17" x 8" x 10½" (43.5 x 21 x 27cm)	14½" x 7½" x 18" (36.5 x 18.5 x 46cm)	22" x 7½" x 18" (56.7 x 18.5 x 46cm)	31" x 10" x 28" (78.6 x 25.4 x 71.4cm)	32" x 10" x 34½" (80.5 x 25.4 x 88cm)
NOMINAL WT.	33 lbs. (15 kg.)	49 lbs. (22 kg.)	62 lbs. (28 kg.)	150 lbs. (68 kg.)	174 lbs. (79 kg.)

** Power is limited with QC depending on connector*

ALTRONIC RESEARCH INC.

CALL TOLL FREE 1-800-482-LOAD

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

www.altronic.com

