



1100 SERIES RF HIGH PERFORMANCE OIL COOLED DUMMY LOADS



The 1100 Series Oil Cooled RF 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.

A thermal interlock is a **standard feature** on these oil cooled loads and will automatically shut down the transmitter when properly connected if an overheat condition occurs.

SPECIFICATIONS

	<u>MODEL 1101</u>	<u>MODEL 11015</u>	<u>MODEL 11025</u>	<u>MODEL 1105</u>	<u>MODEL 1110</u>
POWER RATING (RMS) (CONTINUOUS DUTY)	1 KW	1.5 KW	2.5 KW	5 KW	10 KW
FREQUENCY RANGE	DC to 1 GHz	DC to 1 GHz	DC to 1 GHz	DC to 1 GHz	DC to 1 GHz
IMPEDANCE	50Ω nominal	50Ω nominal	50Ω nominal	50Ω nominal	50Ω nominal
VSWR	< 1.1:1 @ Operating Temp. (above 1 GHz consult factory)	< 1.1:1 @ Operating Temp. (above 1 GHz consult factory)	< 1.1:1 @ Operating Temp. (above 1 GHz consult factory)	< 1.15:1 @ Operating Temp. (above 1 GHz consult factory)	< 1.15:1 @ Operating Temp. (above 1 GHz consult factory)
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.

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