



ALTRONIC RESEARCH INC.

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

6700 Series Air Cooled RF Coaxial Load Resistor

The OMEGALINE 6700 Series are extraordinary air cooled terminations for 50-ohm coaxial transmission line systems that exhibit excellent and stable RF characteristics during their full range of operating power. The rugged, precision design of the 6700 Series provides reliability, serviceability, safety, convenience, and economy well suited for today's modern RF application.

FEATURES:

- Silver contacts on special film resistors and clips eliminate resistor failure due to contact resistance and make possible the superior RF performance.
- Easy air ducting, extremely quiet, standby operation, interlock, alarm output, and easy to find replacement components.
- The 6700 Series has set new industry standards for all areas of performance, reliability, and value.



MODEL 6705 Forced Air Cooled

Power Rating: 5kW continuous duty
Impedance: 50 ohms nominal
Frequency Range: DC to 240 MHz
VSWR: 1.10:1 to 110 MHz 1.15:1 to 240 MHz
Input Connectors: 1 5/8" EIA (others available)
AC Power Required: 115 VAC, 60 Hz2A or 230 VAC, 60 Hz2A, (50 Hz available)
Nominal Dimensions (Including Conn.): 13" x 13" x 51 1/4" H (33cm x 33cm x 1.31m)
Nominal Weight: 50 lbs. (23 kg)
Finish: Beige Splatter



MODEL 6710 Forced Air Cooled

Power Rating: 10kW continuous duty
Impedance: 50 ohms nominal
Frequency Range: DC to 240 MHz
VSWR: 1.10:1 to 110 MHz 1.15:1 to 240 MHz
Input Connectors: 1 5/8" EIA Flange or 3 1/8" Unflanged (others available)
AC Power Required: 115 VAC, 60 Hz6A or 230 VAC, 60 Hz2A, (50 Hz available)
Nominal Dimensions (Including Conn.): 19" x 19" x 54 1/4" H (48cm x 48cm x 1.38m)
Nominal Weight: 90 lbs. (41 kg)
Finish: Beige Splatter



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MODEL 6715 Forced Air Cooled

Power Rating: 15kW continuous duty
Impedance: 50 ohms nominal
Frequency Range: DC to 240 MHz
VSWR: 1.10:1 to 110 MHz 1.15:1 to 240 MHz
Input Connectors: 3 1/8" EIA Flange or 3 1/8" Unflanged (others available)
AC Power Required: 115 VAC, 60 Hz6A or 230 VAC, 60 Hz2A, (50 Hz available)
Nominal Dimensions (Including Conn.): 19" x 19" x 54 1/4" H (48cm x 48cm x 1.38m)
Nominal Weight: 90 lbs. (41 kg)
Finish: Beige Splatter



Model 6725 Forced Air Cooled

Power Rating: 25kW continuous duty
Impedance: 50 ohms nominal
Frequency Range: DC to 240 MHz
VSWR: 1.10:1 to 110 MHz 1.15:1 to 240 MHz
Input Connectors: 3 1/8" EIA Flange or 3 1/8" Unflanged (others available)
AC Power Required: 115 VAC, 60 Hz7A or 230 VAC, 60 Hz4A, (50 Hz available)
Nominal Dimensions (Including Conn.): 19" x 19" x 76" H (48cm x 48cm x 1.93m)
Nominal Weight: 136 lbs. (62 kg)
Finish: Beige Splatter



Model 6735 Forced Air Cooled

Power Rating: 35kW continuous duty
Impedance: 50 ohms nominal
Frequency Range: DC to 240 MHz
VSWR: 1.10:1 to 110 MHz 1.15:1 to 240 MHz
Input Connectors: 3 1/8" EIA Flange or 3 1/8" Unflanged (others available)
AC Power Required: 115 VAC, 60 Hz12A or 230 VAC, 60 Hz5A, (50 Hz available)
Nominal Dimensions (Including Conn.): 19" x 19" x 78" H (48cm x 48cm x 1.98m)
Nominal Weight: 155 lbs. (71 kg)
Finish: Beige Splatter



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Model 6750 Forced Air Cooled

Power Rating: 50kW continuous duty
Impedance: 50 ohms nominal
Frequency Range: DC to 240 MHz
VSWR: 1.10:1 to 110 MHz 1.15:1 to 240 MHz
Input Connectors: 3 1/8" EIA Flange or 3 1/8" Unflanged (others available)
AC Power Required: 115 VAC, 60 Hz 12A or 230 VAC, 60 Hz 6A, (50 Hz available)
Nominal Dimensions (Including Conn.): 24" x 48" x 84" H (61cm x 1.22m x 2.13m)
Nominal Weight: 290 lbs. (132 kg)
Finish: Beige Splatter



Model 6775 Forced Air Cooled

Power Rating: 75kW continuous duty
Impedance: 50 ohms nominal
Frequency Range: DC to Freq. above 110 MHz - consult factory
VSWR: 1.15:1 to 110 MHz
Input Connectors: 3 1/8" EIA Flange or 3 1/8" Unflanged (others available)
AC Power Required: 230 VAC, 60 Hz 12A, (50 Hz available)
Nominal Dimensions (Including Conn.): 24" x 48" x 84" H (61cm x 1.22m x 2.13m)
Nominal Weight: 360 lbs. (163 kg)
Finish: Beige Splatter