

Forced Air Cooled RF Coaxial Loads

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Features

- Extremely Quiet Operation
- Easy Air Ducting
- Transmitter Interlocks
- Standby Operation
- Alarm Output
- Two Year Limited Warranty



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Description

The 86700 Series Forced Air Cooled RF Coaxial Loads are capable of dissipating up to 75 kW of CW RF power from DC Hz to 240 MHz with a VSWR of 1.15:1 or less. With this low reflection coefficient the loads are very useful for tuning transmitters. They can be used to terminate AM, FM, TV, CW or Pulse transmissions in 50-Ohm coaxial transmission line systems. When used in conjunction with Coaxial Dynamics Directional RF Insertion Wattmeters, these loads can accurately measure power up to 75 kW.

Your confidence in the quality and dependability of the 86700 Series Forced Air Cooled RF Coaxial Loads is assured with the Coaxial Dynamics Two Year Limited Warranty.

Available Models

Model	Power	Connector Type	Model	Power	Connector Type
86701-N	1 kW	N Female	86701-1	1 kW	1-5/8" EIA Flg
86701-2	1 kW	1-5/8" UnFlg Rec	86701-3	1 kW	1-5/8" UnFlg
86703-N	3 kW	N Female	86703-1	3 kW	1-5/8" EIA Flg
86703-2	3 kW	1-5/8" UnFlg Rec	86703-3	3 kW	1-5/8" UnFlg
86705-1	5 kW	1-5/8" EIA Flg	86705-2	5 kW	1-5/8" UnFlg Rec
86705-3	5 kW	1-5/8" UnFlg	86706-1	5 kW	3-1/8" EIA Flg
86710-1	10 kW	1-5/8" EIA Flg	86711-1	10 kW	3-1/8" EIA Flg
86711-2	10 kW	3-1/8" UnFlg Rec	86711-3	10 kW	3-1/8" UnFlg
86715-1	15 kW	1-5/8" EIA Flg	86716-1	15 kW	3-1/8" EIA Flg
86716-2	15 kW	3-1/8" UnFlg Rec	86716-3	15 kW	3-1/8" UnFlg
86725-1	25 kW	3-1/8" EIA Flg	86725-2	25 kW	3-1/8" UnFlg Rec
86725-3	25 kW	3-1/8" UnFlg	86735-1	35 kW	3-1/8" EIA Flg
86735-2	35 kW	3-1/8" UnFlg Rec	86735-3	35 kW	3-1/8" UnFlg
86750-1	50 kW	3-1/8" EIA Flg	86750-2	50 kW	3-1/8" UnFlg Rec
86750-3	50 kW	3-1/8" UnFlg	86751-1	50 kW	6-1/8" EIA Flg

86751-3	50 kW	6-1/8" UnFlg	86775-1	75 kW	3-1/8" EIA Flg
86775-2	75 kW	3-1/8" UnFlg Rec	86775-3	75 kW	3-1/8" UnFlg
86776-1	75 kW	6-1/8" EIA Flg	86776-3	75 kW	6-1/8" UnFlg

Consult factory if you require a different connector type.

Specifications

Model	86701	86705-86706	86710-86711	86715-86716
<i>Power</i>	1 kW CW	5 kW CW	10 kW CW	15 kW CW
<i>Impedance</i>	50-Ohms nominal			
<i>Frequency Range</i>	DC to 240 MHz			
<i>VSWR</i>	1.10:1 max to DC 110 MHz 1.15:1 max to 110-240 MHz			
<i>AC Power</i>	115 or 230 VAC, 60 Hz*			
<i>Nominal Dimensions</i>	15" x 9" x 11" (38x23x28cm)	13" x 13" x 51" (33x33x130cm)	19" x 19" x 54" (48x48x138cm)	19" x 19" x 54" (48x48x138cm)
<i>Weight</i>	8 lbs (3.6kg)	50 lbs (23kg)	90 lbs (41kg)	100 lbs (45kg)
<i>Finish</i>	Textured Beige Polyurethane Enamel			
Model	86725	86735	86750-86751	86775-86776
<i>Power</i>	25 kW CW	35 kW CW	50 kW CW	75 kW CW
<i>Impedance</i>	50-Ohms nominal			
<i>Frequency Range</i>	DC to 240 MHz			DC to 110 MHz
<i>VSWR</i>	1.10:1 (1.15:1 for 75 kW) max to DC 110 MHz 1.15:1 max to 110-240 MHz			
<i>AC Power</i>	115 or 230 VAC, 60 Hz*			230 VAC, 60 Hz*
<i>Nominal Dimensions</i>	19" x 19" x 76" (48x48x193cm)	19" x 19" x 78" (48x48x198cm)	28" x 48" x 84" (71x122x213cm)	28" x 48" x 84" (71x122x213cm)
<i>Weight</i>	136 lbs (62kg)	155 lbs (71kg)	290 lbs (132kg)	360 lbs (163kg)
<i>Finish</i>	Textured Beige Polyurethane Enamel			
* 50 Hz available as option				
<i>Specifications are subject to change without notice.</i>				

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