

# Liquid/Air Cooled RF Coaxial Loads 2.5 kW to 6 kW

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## Features

- Continuous Full-Rated Power
- Low Maintenance & High Reliability
- Handles Both Analog & Digital Signals
- Two Year Limited Warranty



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## Description

Several models of these loads are available to cover CW power ranges of 2500, 3000, 5000 and 6000 watts over a frequency range of DC to 1.0 GHz. At a characteristic impedance of 50-Ohms, the VSWR does not exceed 1.10 to 1. They can be used to terminate AM, FM, TV, CW or Pulse transmissions in 50-ohm coaxial transmission line systems.

The 5000 and 6000 watt models are forced air-cooled. All models are available with optional thermal overload switches to activate the blower assembly and to interface with interlock or other warning circuits.

Your confidence in the quality and dependability of the 84000 Series Liquid/Air Cooled RF Coaxial Loads is assured with the Coaxial Dynamics Two Year Limited Warranty.

## Available Models and Specifications

Model	CW Power Rating	VSWR	Connector	Nominal Size inches (cm)	Weight
84025-LC	2500 W	1.1:1 MAX DC-1 GHz	LC Female	18" x 7.5" x 19.5" (45.72 x 19.05 x 49.53)	55 lbs (24.95kg)
84025-1	2500 W	1.1:1 MAX DC-1 GHz	1-5/8" EIA Flg		
84025-2	2500 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg Rec		
84025-3	2500 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg		
84025-4	2500 W	1.1:1 MAX DC-1 GHz	7/8" EIA Flg		
84026-1	2500 W	1.1:1 MAX DC-1 GHz	3-1/8" EIA Flg		
84026-2	2500 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg Rec		
84026-3	2500 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg		
84030-LC	3000 W	1.1:1 MAX DC-1 GHz	LC Female	18" x 7.5" x 19.5" (45.72 x 19.05 x 49.53)	66 lbs (29.94kg)
84030-1	3000 W	1.1:1 MAX DC-1 GHz	1-5/8" EIA Flg		
84030-2	3000 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg Rec		
84030-3	3000 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg		
84030-4	3000 W	1.1:1 MAX DC-1 GHz	7/8" EIA Flg		
84031-1	3000 W	1.1:1 MAX DC-1 GHz	3-1/8" EIA Flg		

84031-2	3000 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg Rec		
84031-3	3000 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg		
84050-LC*	5000 W	1.1:1 MAX DC-1 GHz	LC Female	23" x 7.75" x 19.5" (58.42 x 19.69 x 49.53)	70 lbs (31.75kg)
84050-1*	5000 W	1.1:1 MAX DC-1 GHz	1-5/8" EIA Flg		
84050-2*	5000 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg Rec		
84050-3*	5000 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg		
84050-4*	5000 W	1.1:1 MAX DC-1 GHz	7/8" EIA Flg		
84051-1*	5000 W	1.1:1 MAX DC-1 GHz	3-1/8" EIA Flg		
84051-2*	5000 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg Rec		
84051-3*	5000 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg		
84060-LC*	6000 W	1.1:1 MAX DC-1 GHz	LC Female	23" x 7.75" x 19.5" (58.42 x 19.69 x 49.53)	81 lbs (36.74kg)
84060-1*	6000 W	1.1:1 MAX DC-1 GHz	1-5/8" EIA Flg		
84060-2*	6000 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg Rec		
84060-3*	6000 W	1.1:1 MAX DC-1 GHz	1-5/8" UnFlg		
84060-4*	6000 W	1.1:1 MAX DC-1 GHz	7/8" EIA Flg		
84061-1*	6000 W	1.1:1 MAX DC-1 GHz	3-1/8" EIA Flg		
84061-2*	6000 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg Rec		
84061-3*	6000 W	1.1:1 MAX DC-1 GHz	3-1/8" UnFlg		

\*Equipped with forced-air blower assembly -- specify 115 or 230 VAC.

Ambient air temperatures for CW power ratings are -40°C to +45°C.

**All loads must operated with vent plug on top position only.**

Consult factory if you require a different connector type.

### Available Options

<b>Model</b>	<b>Description</b>
88200	Thermoswitch, Normally Closed
88201	Thermoswitch, Normally Open
88250	Forced-Air Blower Assembly -- specify 115 or 230 VAC

[general documents/SUPPLIERS/COAXIAL/specs for online catalogue/Loads and Attenuators/liquid air oil/footer.htm]