

# Liquid/Air Cooled RF Coaxial Loads 500 W to 1500 W

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[\[500-1000 W Manual\]](#) [\[1500 W Manual\]](#)

## 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 600 and 1000 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.

All models are available with optional thermal overload switches 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
84005-N	500 W	1.10:1 MAX DC-1.0 GHz	N Female	9" x 6.63" x 16.13" (22.86 x 16.84 x 40.97)	22 lbs (9.98kg)
84006-N	600 W	1.10:1 MAX DC-1.0 GHz	N Female	9" x 6.63" x 16.13" (22.86 x 16.84 x 40.97)	23 lbs (10.43kg)
84010-LC/N	1000 W	1.10:1 MAX DC-1.0 GHz	LC & N Female	9" x 6.63" x 16.19" (22.86 x 16.84 x 41.12)	25 lbs (11.34kg)
84010-N	1000 W	1.10:1 MAX DC-1.0 GHz	N Female		
84010-NM	1000 W	1.10:1 MAX DC-1.0 GHz	N Male		
84010-1	1000 W	1.10:1 MAX DC-1.0 GHz	1-5/8" EIA Flg		
84010-2	1000 W	1.10:1 MAX DC-1.0 GHz	1-5/8" UnFlg Rec		
84010-3	1000 W	1.10:1 MAX DC-1.0 GHz	1-5/8" UnFlg		
84010-4	1000 W	1.10:1 MAX DC-1.0 GHz	7/8" EIA Flg		
84015-LC	1500 W	1.10:1 MAX DC-1.0 GHz	LC Female	13.63" x 7.38" x 15.85"	40 lbs
84015-N	1500 W	1.10:1 MAX DC-1.0 GHz	N Female		
84015-NM	1500 W	1.10:1 MAX DC-1.0 GHz	N Male		
84015-1	1500 W	1.10:1 MAX DC-1.0 GHz	1-5/8" EIA Flg		

84015-2	1500 W	1.10:1 MAX DC-1.0 GHz	1-5/8" UnFlg Rec	(34.62 x 18.75 x 40.26)	(18.14kg)
84015-3	1500 W	1.10:1 MAX DC-1.0 GHz	1-5/8" UnFlg		
84015-4	1500 W	1.10:1 MAX DC-1.0 GHz	7/8" EIA Flg		

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

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