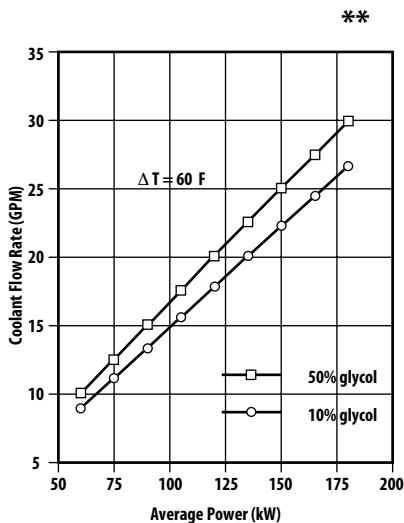
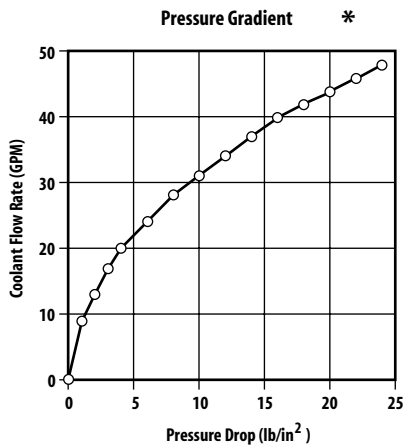


CL Series



UHF Coaxial Loads

ERI CL Series UHF Coaxial Loads offer a proven design for handling high power at low cost. The load employs a solution of glycol and water as both coolant and resistive material. The power dissipated by the load heats the solution and is removed by the coolant's constant flow. The loads are extremely rugged since the resistor is liquid and no finger contacts are used. A dielectric transformer on the inner conductor distributes power evenly throughout the coolant and provides excellent thermal stability over a wide range of temperature and power levels. The loads can be furnished with ERI replaceable element dual directional couplers upon request.

Common Features

- 1:05:1 VSWR (Any TV Channel)
- 1.20:1 VSWR (470-860 MHz)
- 3/4" NGH or 3/4" NPT Coolant Connections
- 80 psi Coolant Pressure*
- 10% to 50% Glycol/Water Coolant Mixture**



UHF High Power Coaxial Water Loads

Part Number	Connector Size	Peak Power	Average Power
CL301	3-1/8" EIA	500 kW	50 kW
CL401	4-1/16" EIA	1500 kW	70 kW
CL601	6-1/8" EIA	2000 kW	100 kW