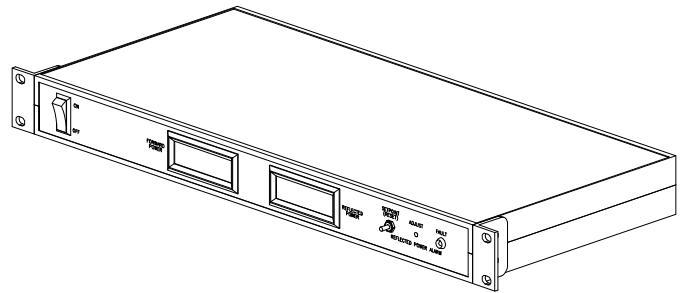


# Digital Power Meter, Rack Mount

GERLING

## Model GA3210

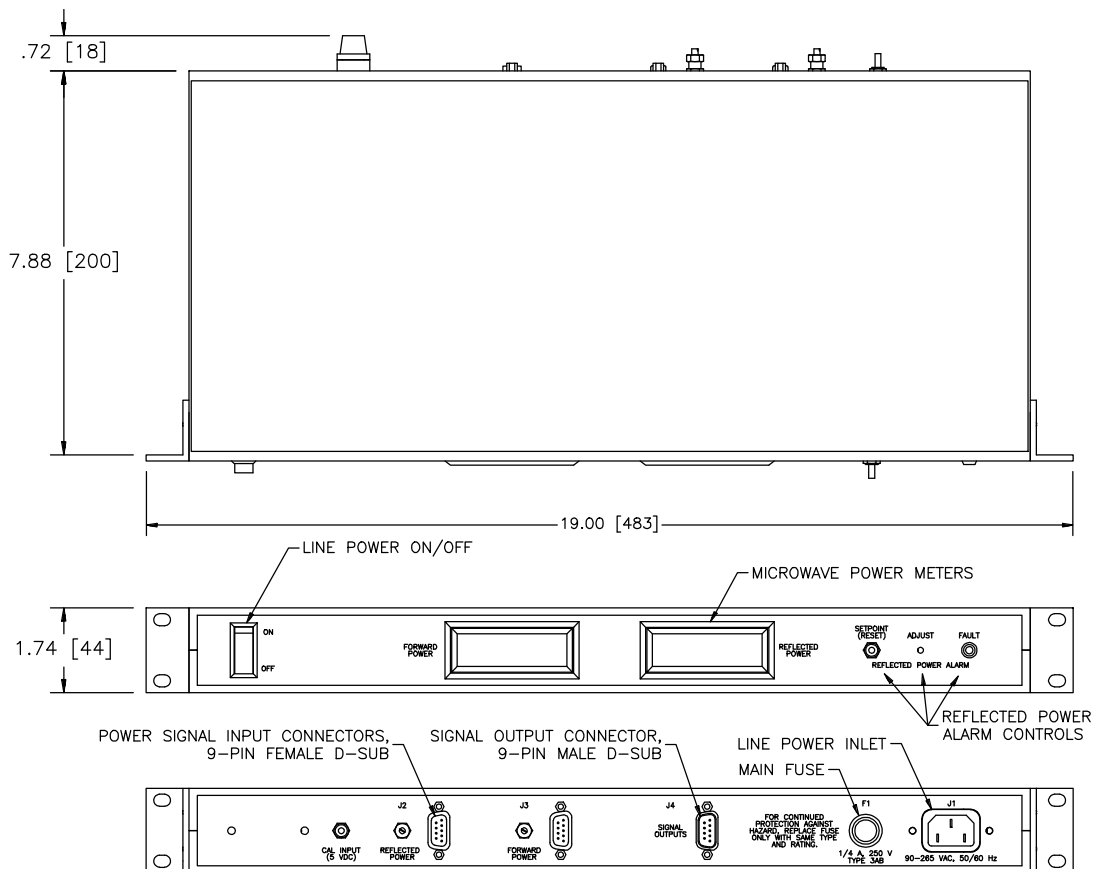
The model GA3210 Digital Power Meter is designed specifically for providing control power to and display of microwave power measurement signals from GAE's model GA3301 Coupler Power Interface modules (ordered separately). The 0-10 VDC waveguide power signals from the GA3301 modules are also delivered to an output connector for use with external data acquisition and controls. For added convenience, an alarm relay is provided which activates on a user-adjustable setpoint of the reflected power signal. A line power cord and interconnect cables for the GA3301 modules are provided.



### General Specifications:

Input Line Power	90-265 VAC, 50/60 Hz, 1/4 Amp
Connections	Line Power: IEC 60320 style inlet Signal Inputs: 9-pin female D-sub Signal Output: 9-pin male D-sub
Indicators	Forward and Reflected Microwave Power (digital meters) Alarm Fault (LED)
Controls	Line Power On/Off (rocker) Alarm Display (pushbutton) Alarm Setpoint Adjust (potentiometer) Input Signal Adjust (potentiometer)
Dimensions	1.74" (1U) high x 19" wide x 8.6" deep (behind front panel)

OUTPUT CONNECTOR PINOUTS		
PIN	DESCRIPTION	VALUE
1	Forward Power Sense	0-10 VDC
2	Fwd Power Sense Return	Ground
3	Reflected Power Sense	0-10 VDC
4	Refl Power Sense Return	Ground
5	Interlock Loop	Internal series-connected dry contacts
6	Interlock Loop	
7	Alarm Relay N.O.	4A, 110 VAC max (resistive load)
8	Alarm Relay Common	
9	Alarm Relay N.C.	



GERLING APPLIED ENGINEERING, INC.

© 2008-2009 Gerling Applied Engineering, Inc.  
 PO Box 580816 • Modesto, CA 95358 • USA  
 Phone: +1-209-527-8960 • Fax: +1-209-527-5385  
 E-mail: sales@2450MHz.com • Web: www.2450MHz.com