

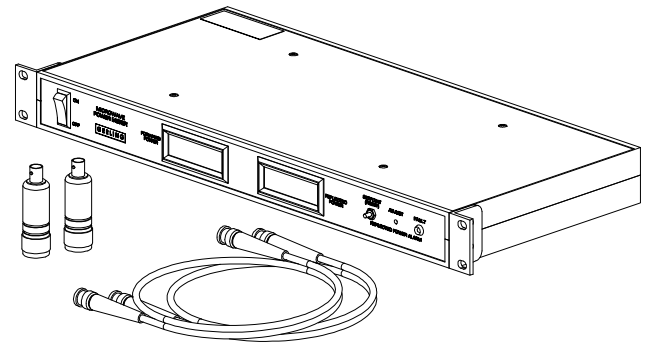
# Digital Power Meter Set, Rack Mount

GERLING

## Model GA3211

The model GA3211 Digital Power Meter Set is designed for monitoring the microwave power levels from a separate waveguide power coupler. The set includes a rack mounting meter case with digital meters, crystal diode detectors, BNC cables and a line power cord. Analog voltages for both power signals are also delivered to an output connector for remote power monitoring. For added convenience, an alarm relay is provided which activates on a user-adjustable setpoint of the reflected power signal.

These sets are ideal for use with the customer's existing waveguide coupler or other waveguide component having a power coupling port. Each channel is factory-calibrated for a coupling factor of 60 dB (by default) or other suitable value as specified by the customer. When ordered together with a GAE waveguide coupler component, the meter set is factory-calibrated with that component.



### General Specifications:

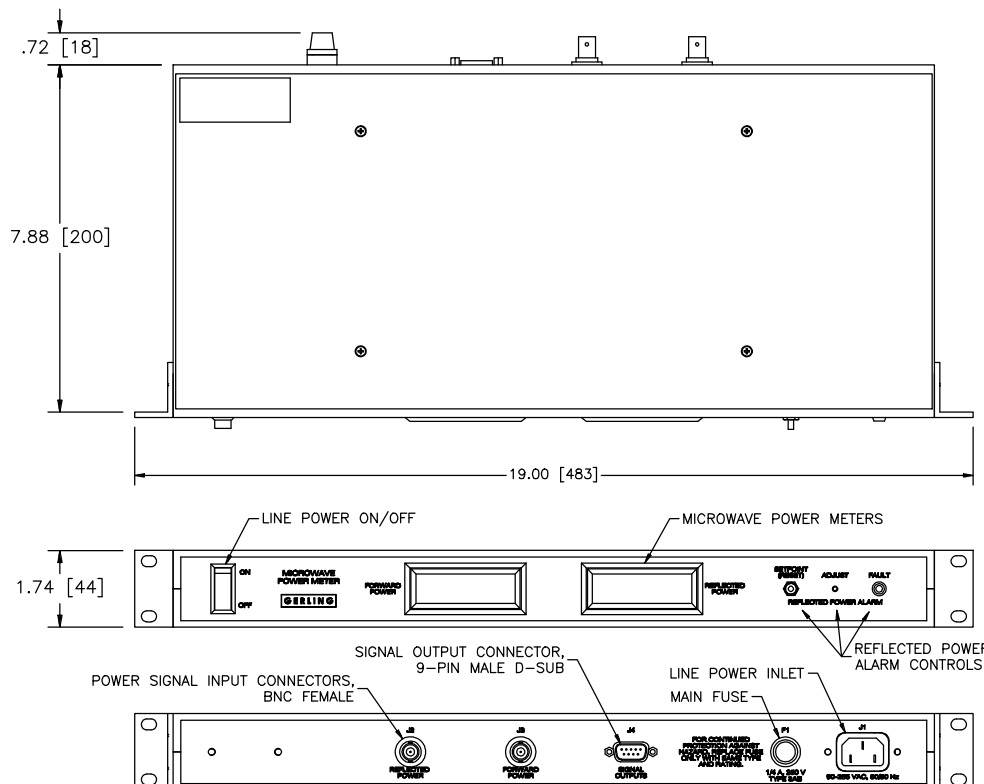
**Input Line Power** 90-265 VAC, 50/60 Hz, 1/4 Amp

**Connections** Line Power: IEC 60320 style inlet  
Signal Inputs: BNC Female  
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)

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	Not used	
6	Not used	
7	Alarm Relay N.O.	4A, 110 VAC max (resistive load)
8	Alarm Relay Common	
9	Alarm Relay N.C.	



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