

Analog Power Meter Set

GERLING

Model GA3208 Model GA3209

GAE offers analog meter sets that provide a convenient and cost-effective means for monitoring microwave power in conjunction with a separate waveguide coupler. Model GA3208 is a single meter set for monitoring either forward or reverse power while model GA3209 is a dual meter set for monitoring power in both directions. Each set includes an attractive meter case suitable for bench-top use and a crystal diode detector and BNC cable for each meter.

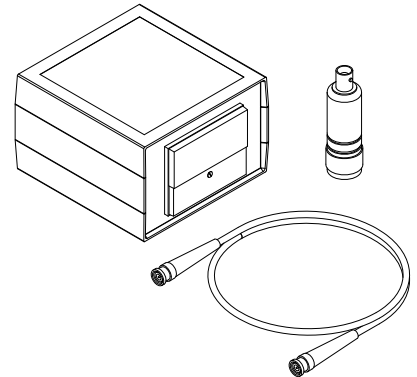
These sets are ideal for use with the customer's existing waveguide coupler or other waveguide component having a power coupling port. Each channel is factory-calibrated for a standard coupling factor or other suitable value as specified by the customer. When ordered together with a GAE waveguide coupler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

Specifications:

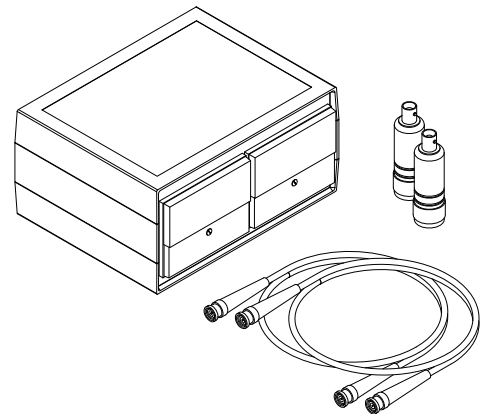
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|-----------------------|---|
| Frequency | 2450 MHz +/- 50 MHz |
| Input Power | 100 mW peak maximum |
| Meter Scale | 700W, 1.2 kW, 1.8 kW, 2 kW, 3 kW, 6 kW, 10 kW, 15 kW, 30 kW |
| Standard Calibration: | Input Waveform: Low ripple (<5% RMS) Coupling Factor: 56 dB +/- 0.2 dB (< 2kW scales) 60 dB +/- 0.2 dB (≥ 2kW scales) |
| Accuracy | +/- 5% of full scale @ 25°C |
| Detector | Crystal diode, Type N male input, BNC female output |
| Cable | RG-58/U, BNC male connectors, 6' long |

Options:

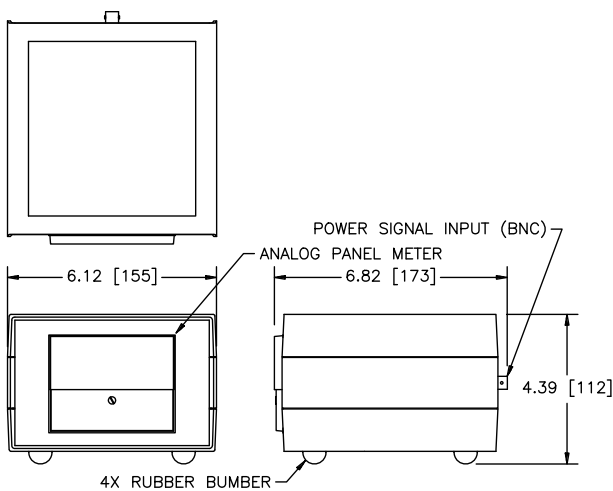
- ◆ Alternate meter scales
- ◆ Alternate waveform calibration (medium ripple, high ripple, pulsed)
- ◆ Alternate coupling factor calibration
- ◆ SMA male input connector on detector



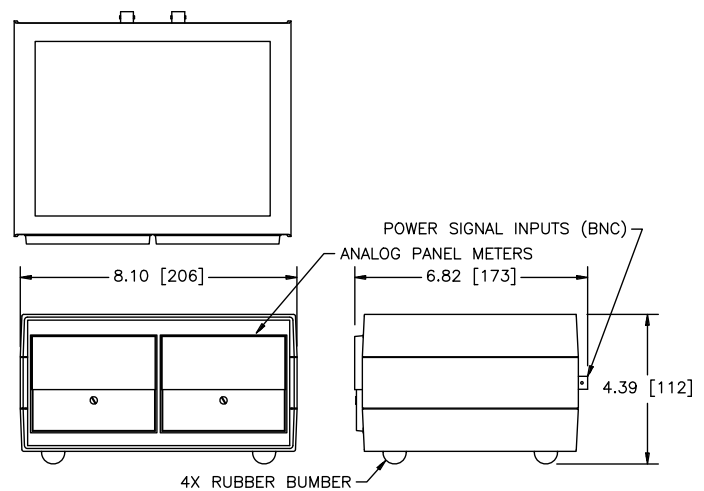
MODEL GA3208



MODEL GA3209



SINGLE METER ASSEMBLY



DUAL METER ASSEMBLY



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