



## A.H. Systems, Inc.

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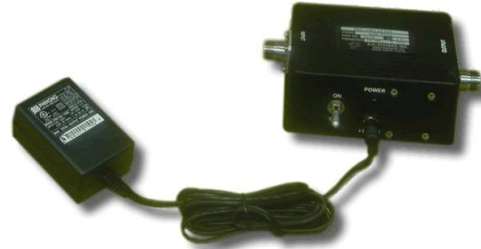


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## PAM-0207

**Preamplifier**  
20 MHz – 7 GHz

With at least 25dB of gain, this preamplifier will improve overall system sensitivity. Designed to meet the needs of your various testing requirements.



Frequency Range: 20 MHz – 7 GHz

Gain (typical): 30 dB

Gain (minimum): 25 dB

Flatness: +/- 4.2 dB

Noise Figure: 5.0 dB

Output Power @ 1 dB  
compression +9 dBm

Maximum Input Power -10 dBm

Input VSWR (typical): Less than 2.2:1

Output VSWR (typical): Less than 1.8:1

Connector: N-Type, female

### Physical Dimensions

Height: 2.5 in. (63 mm)

Width: 3.75 in. (95 mm)

Length: 6.25 in. (158 mm)

Weight: 1.1 lb.'s (0.5 kg)

### Features

- Wide Bandwidth of 20 MHz to 7 GHz
- Low VSWR, High Gain
- Individually Calibrated
- Rugged Design

The PAM-0207 preamplifier is an excellent choice for improving system dynamic range. The performance of this preamplifier will increase your system sensitivity by at least 25 dB. When measuring in the EMC lab or out in the field for general RFI testing, this preamplifier has a rugged compact design.

### Recommended Accessories

- SAS-521-7 (Biological Antenna 20 MHz – 7 GHz)
- SAC-211 (3 Meter Cable)
- SAC-211-0.5 (0.5 Meter Cable)



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**Preamplifier Calibration**  
**Model: PAM-0207**

