



## A.H. Systems, Inc.

9710 Cozycroft Ave.  
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## PAM-0204

**Preamplifier**  
20 MHz – 4 GHz

With at least 22dB of gain, this preamplifier will improve overall system sensitivity. Designed to meet the needs of your various testing requirements.



Frequency Range: 20 MHz – 4 GHz

Gain (typical): 26 dB

Gain (minimum): 22 dB

Flatness: +/- 5 dB

Noise Figure: 4.5 dB

Output Power @ 1 dB  
compression + 15 dBm

Input VSWR (typical): Less than 1.7:1

Output VSWR (typical): Less than 2.0:1

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 4 GHz
- Low VSWR, High Gain
- Individually Calibrated
- Rugged Design

A.H. Systems' preamplifier line is an excellent choice with a rugged design, no hassles with soldering your own power leads and they improve overall system sensitivity by at least 20 dB. All of A.H. Systems' PAM-0204 preamplifier comes with a 12-volt DC regulated power source. A low voltage indicator confidently allows you to power the amplifier with your own external 12-volt DC battery. This makes it a convenient choice for field measurements.

### Recommended Accessories

- SAS-521-4 (Biological Antenna)
- SAC-213 (3 Meter Cable)
- SAC-213-0.5 (0.5 Meter Cable)



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### Preamplifier Calibration

Model Number: PAM-0204

