



A.H. Systems, Inc.

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PAM-1826

Preamplifier

18 GHz – 26.5 GHz

This preamplifier has a broad frequency range and high gain, designed to match the SAS-572 horn antenna. An ideal solution for improving system sensitivity.



Frequency Range: 18 GHz – 26.5 GHz

Gain (typical): 25 dB

Gain (minimum): 23 dB

Flatness: +/- 2.1 dB

Output Power @ 1 dB
compression + 6 dBm

Noise Figure: 2.5 dB

VSWR (typical): Less than 1.7:1

Connector: SMA, 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

- Bandwidth of 18 MHz to 26.5 GHz
- Low VSWR, High Gain
- Individually Calibrated
- Rugged Design

The PAM-1826 preamplifier 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 25 dB. All of A.H. Systems' preamplifier comes with a 15-volt DC regulated power source. A low voltage indicator confidently allows you to power the amplifier with your own external 15-volt DC battery. This makes it a convenient choice for field measurements.

Recommended Accessories

- SAS-572 (Standard Gain Horn Antenna)
- SAC-26G-3 (3 Meter Low-Loss Cable)
- SAC-26G-0.5 (0.5 Meter Low-Loss Cable)

Information presented in this datasheet was current at the time of publication. A.H. Systems continual product improvement makes it necessary to reserve the right to change our electrical and mechanical specifications without notice.

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EMC Antennas and more





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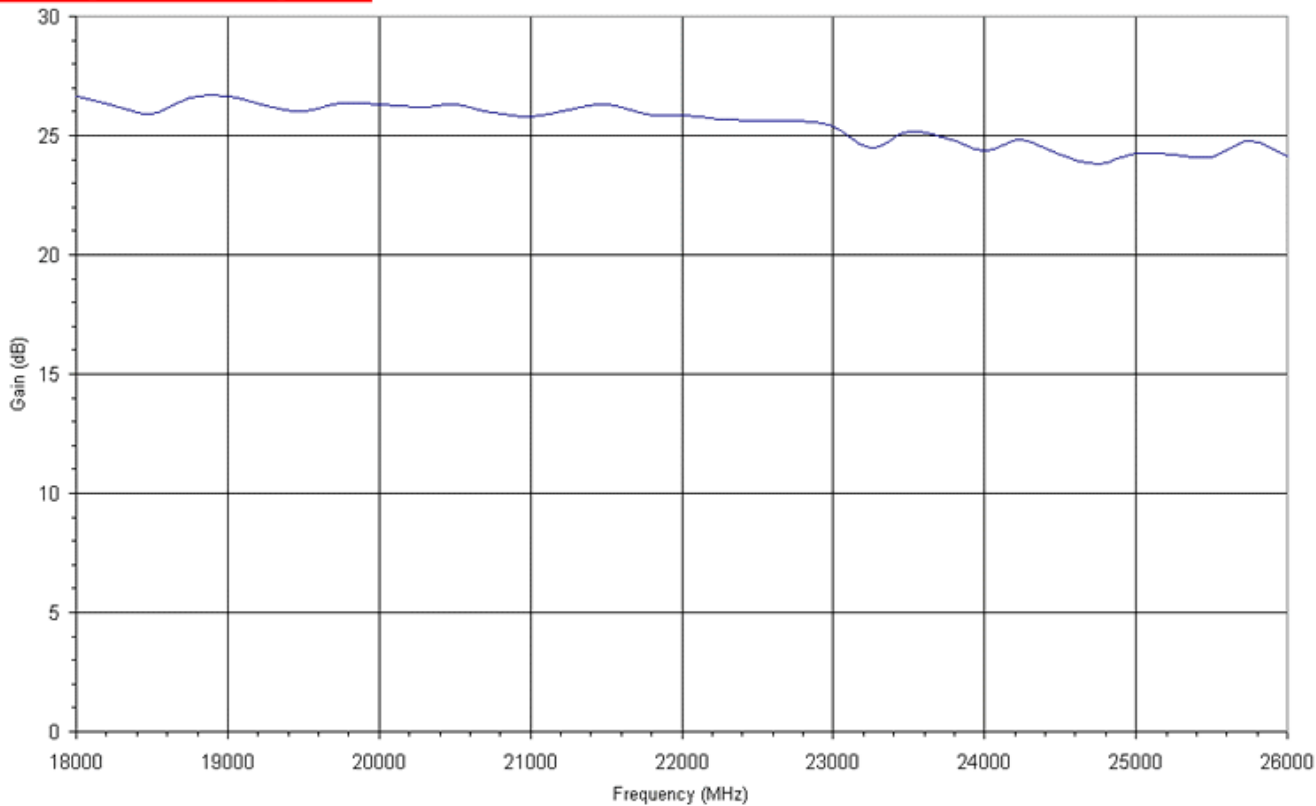
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Preamplifier Calibration

Model Number: PAM-1826



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