



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)



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Preamplifier Calibration

Model Number: PAM-1826

