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

Frequency Range: 20 MHz – 18 GHz
Gain (typical): 39 dB
Flatness: +/- 2.75 dB (above 500 MHz)
Noise Figure: 3 dB
Output Power @ 1 dB compression: + 6 dBm
VSWR (typical): Less than 2.5:1
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
• Broad Frequency Range of 20 MHz to 18 GHz
• Low Noise, High Gain
• Individually Calibrated
• Low VSWR

The PAM-0118 broadband preamplifier is an excellent choice for improving system dynamic range. The performance of this preamplifier will increase your system sensitivity by 40 dB and is ideal for low-amplitude test measurements. 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-571 (Double Ridge Guide Horn Antenna)
• SAC-18G-3 (3 Meter Low Loss Cable)
• SAC-18G-0.5 (0.5 Meter Low Loss Cable)