

FLASH™ AMP

16-Channel Preamplifier

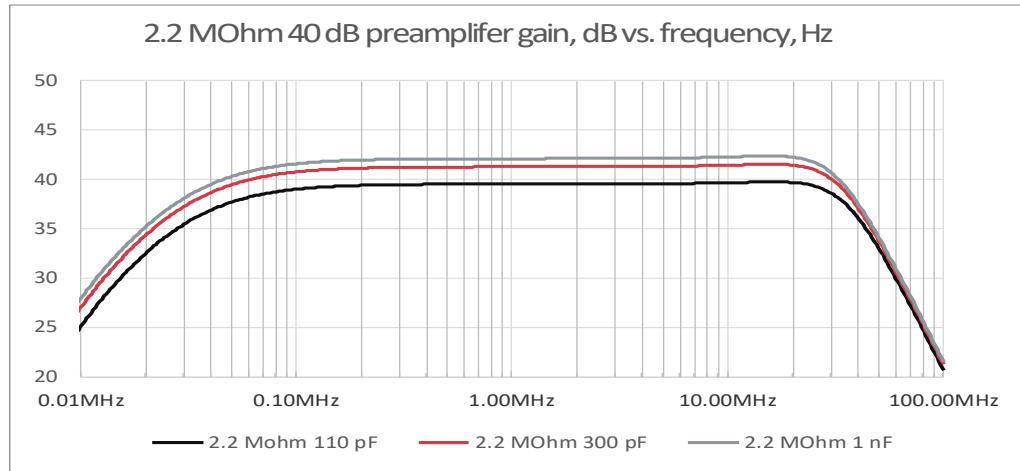


- Amplify input signals for third-party ADC units
- Protective housing with SMA input/output connectors
- +40 dB gain per channel
- Linear amplitude response across a wide frequency range
- Low electrical noise ($< 1 \text{ nV/sqrt(Hz)}$)

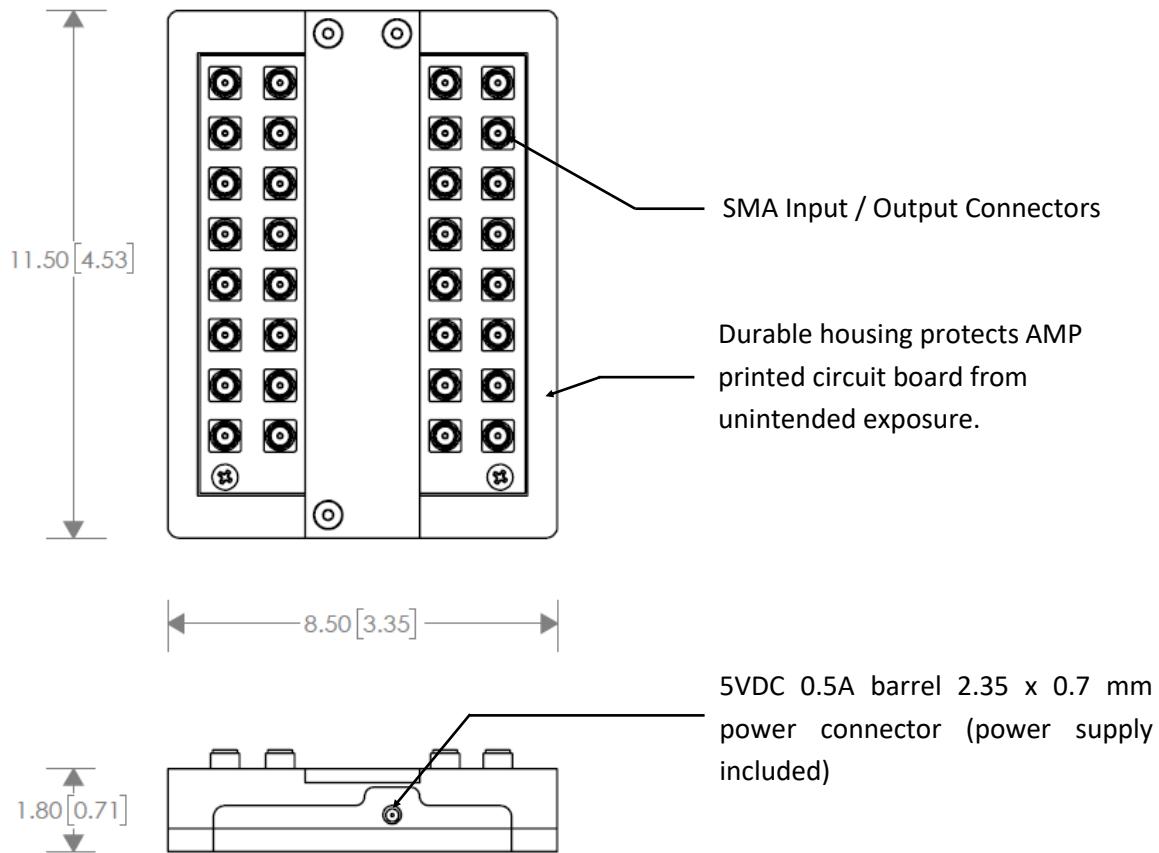
Channels	16
Amplification ⁽¹⁾	40 dB
Input Impedance	2.2 MΩ
Output Impedance	50 Ω
Bandwidth @ -6 dB ⁽²⁾	40 kHz to 35 MHz
Input/Output Connector	SMA

(1) Measured with 50Ω load (actual gain depends on probe capacitance)

(2) Measured using signal generator and oscilloscope with 50Ω input



Modeled gain curves using the Flash Amp with 3 common occurring capacitances of piezo-electric elements. Provides a linear amplitude response over a wide range of frequencies to enable quantitative analysis methods.



All dimensions approximate in cm (inches).

Weight : 0.25 kg (0.55 lbs)

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FLASH™AMP16 is classified EAR99 and does not require an export license.

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