

# FLASH™ AMP

## 16-Channel Preamplifier

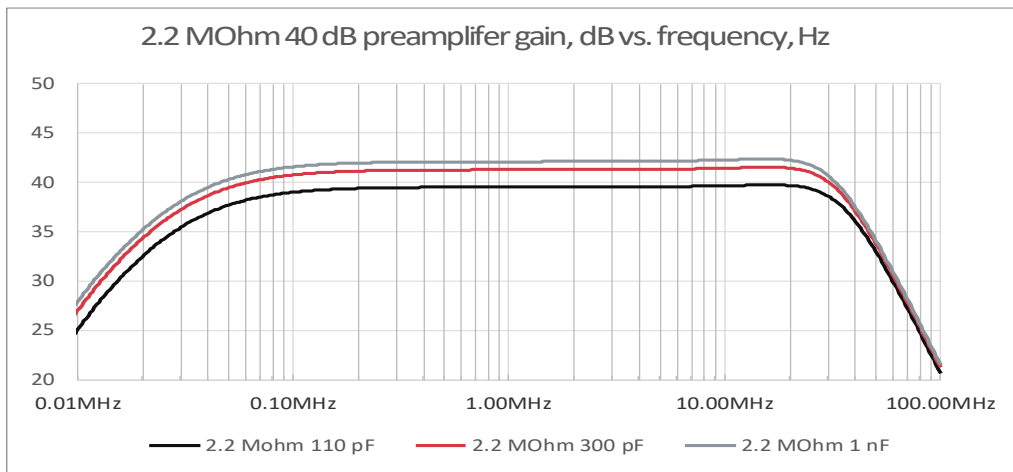


- Amplify input signals for third-party ADC units
- Protective housing with SMA input/output connectors
- +40 dB gain per channel
- Linear amplitude response across a wide frequency range
- Low electrical noise ( < 1 nV/sqrt(Hz) )

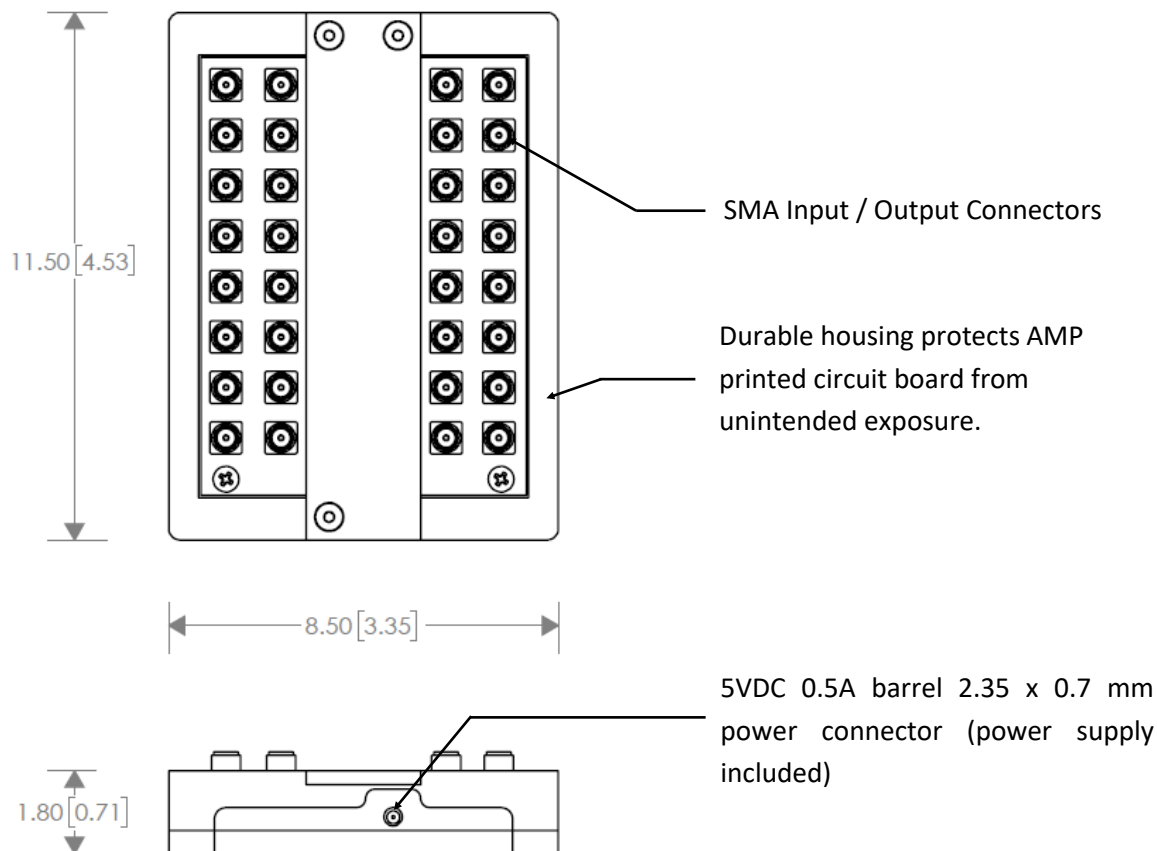
|                                         |                  |
|-----------------------------------------|------------------|
| <b>Channels</b>                         | 16               |
| <b>Amplification <sup>(1)</sup></b>     | 40 dB            |
| <b>Input Impedance</b>                  | 2.2 MΩ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