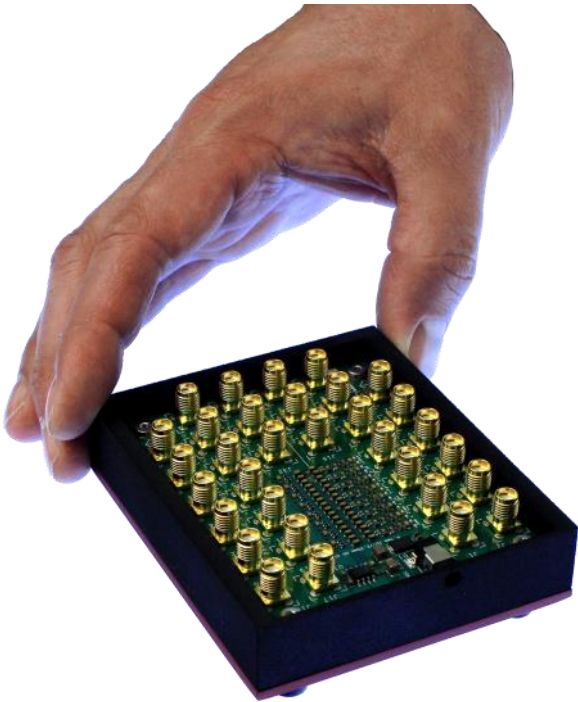


FLASH™ AMP

16-Channel Preamplifier

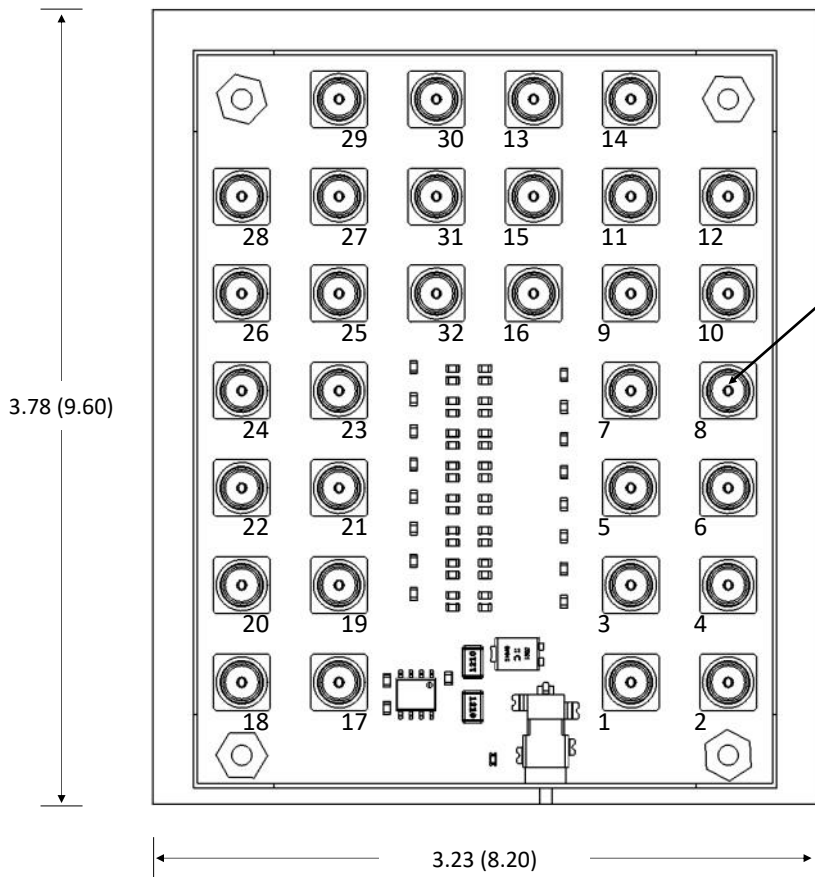


- Amplify input signals for third-party ADC units
- Protective housing with SMA input/output connectors
- Compact 2 x 25 mm preamps per channel
- +40 dB gain per channel
- Test unit available with different input impedances (see table)

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

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

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

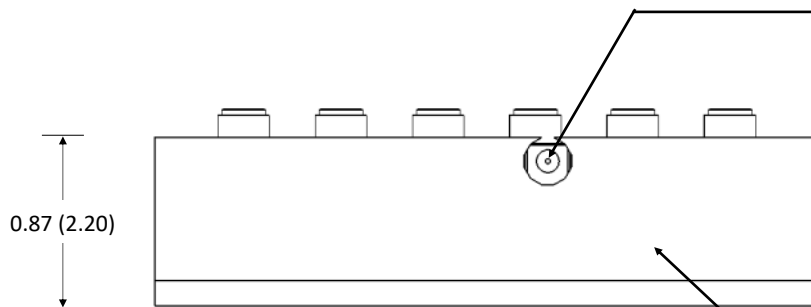


SMA Input / Output Connectors

Pin assignment for test unit:

Input Connectors	Output Connectors	Input Impedance (kΩ)
15, 16	31, 32	1000
13, 14	29, 30	470
11, 12	27, 28	200
9, 10	25, 26	100
7, 8	23, 24	39
5, 6	21, 22	10
3, 4	19, 20	2.2
1, 2	17, 18	1.2

5VDC 0.5A barrel 2.35 x 0.7 mm power connector (power supply included)



All dimensions approximate in inches (cm).

Weight : 0.4 lbs (0.18 g)

Durable housing protects AMP printed circuit board from unintended exposure.

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All specifications are subject to change without notice.

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

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