

Passive adapter from 2-tier plug, 2.54mm standard pitch, to 1.27mm ERNI connector (34 pin / 32 channels).

Examples of use:

- with the inputs of a **V1741** 64 Ch Peak Sensing ADC
- with the inputs of **740, 740D** Digitizer series.

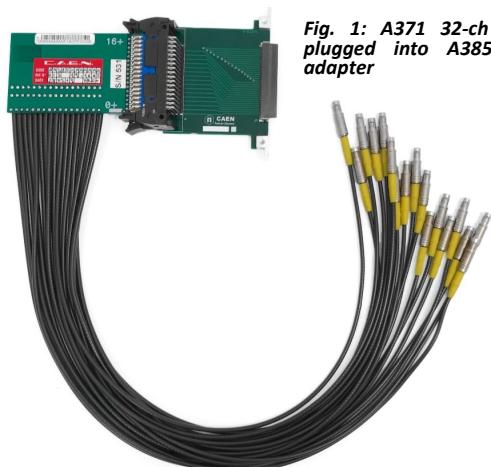


Fig. 1: A371 32-ch ERNI adapter plugged into A385 16-ch LEMO adapter

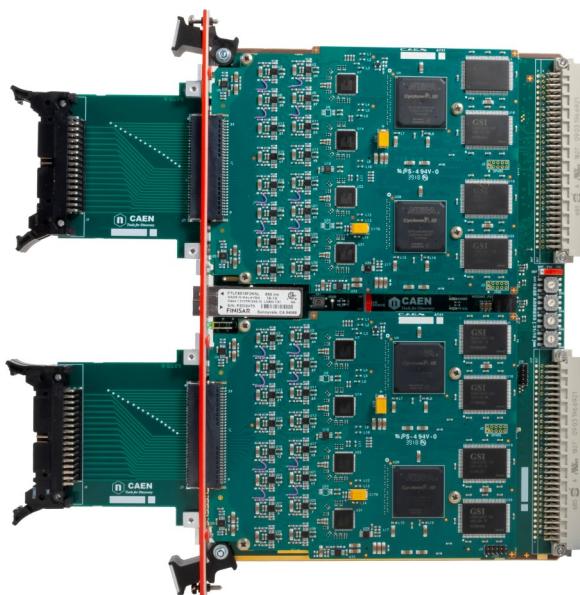
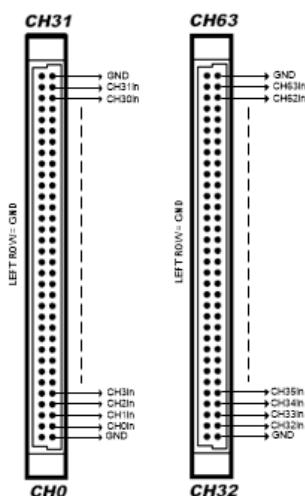


Fig. 2: A371 32-ch ERNI adapter plugged into the ERNI connectors of V1741 (side view)

We show how to use the A371 adapter to connect a V1741 peak sensing ADC to a shaping amplifier.



Analog signals can be fed into each V1741 channel using the adapters system made of A371 and A385.

Fig. 3: pinout of V1741 input connectors

Two A371 adapters must be screwed into the ERNI ports of the V1741. **Fig. 2** and **Fig.4** shows the correct mounting side of the A371 adapters, while **Fig. 5** shows how to connect the A371 with two A385 adapters.

The upper row in the A371 corresponds to channel 0. The first pin series corresponds to ch0 to 15, where the last pin is not used, the second row correspond to ch16 to ch31, with again the last pin not used.

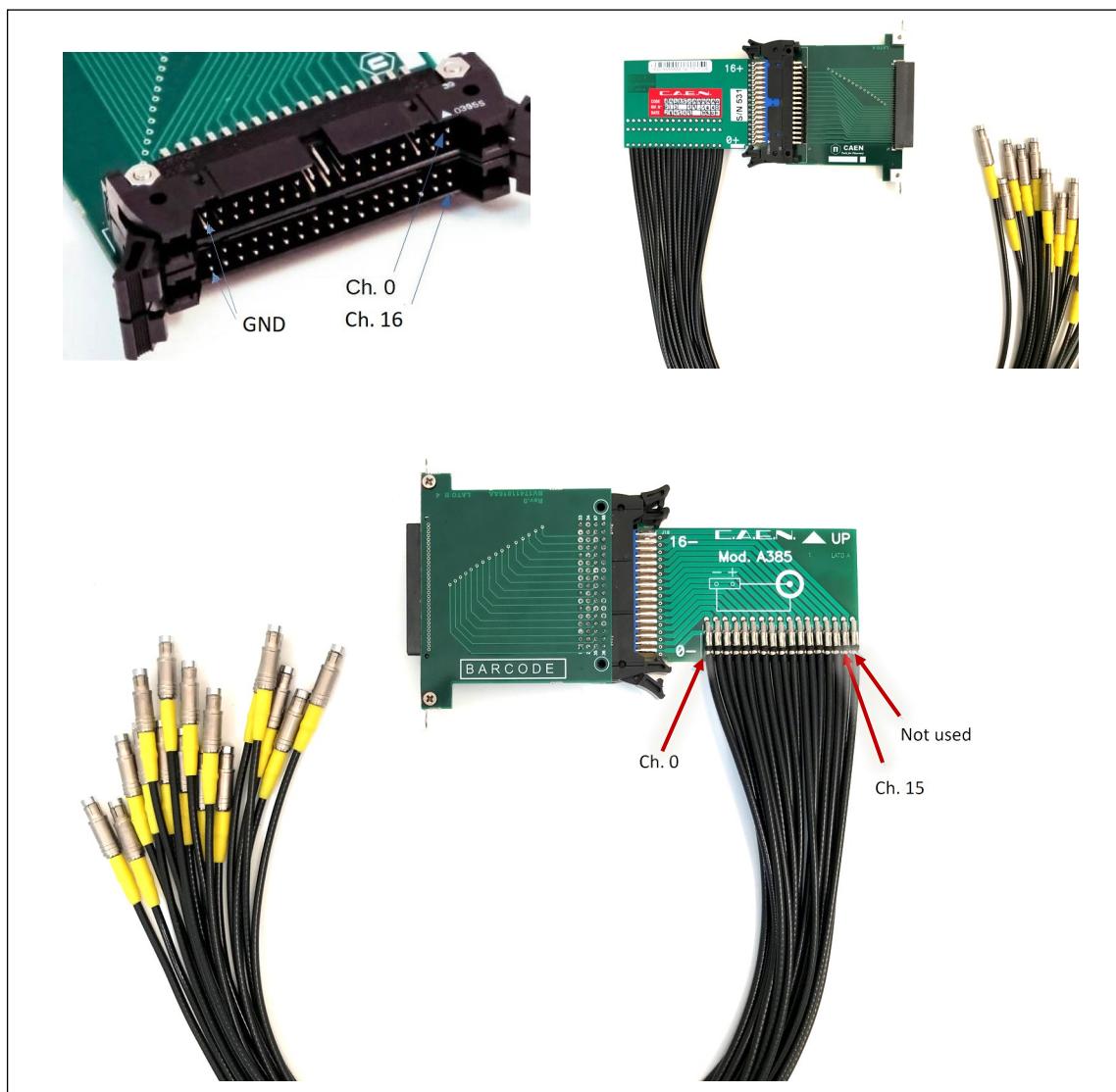


Fig. 4: A371 32-ch ERNI adapter plugged into the ERNI connectors of V1741 (front view)

Fig. 5: Picture of the A371 32-ch ERNI adapter, where the white arrow indicates the position of ch0 (top left), and the connection of A371 and A385 with the correspondence of the cables to channels.



<https://www.caen.it/products/v1741>



<https://www.caen.it/products/a385>

Ordering Option

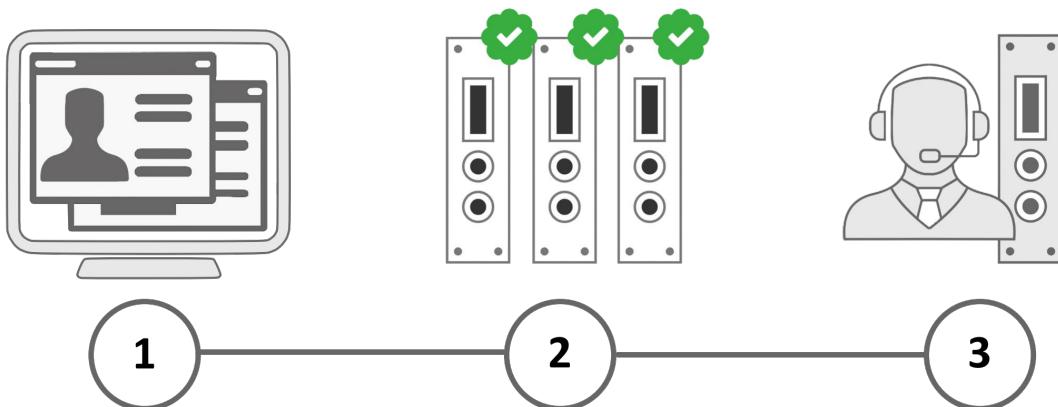
Ordering code	Description
WA371XXXXXXXX	A371 - Adapter 2.54 mm 34x2 pin male to 1.27 mm 68-pin ERNI SMC female



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