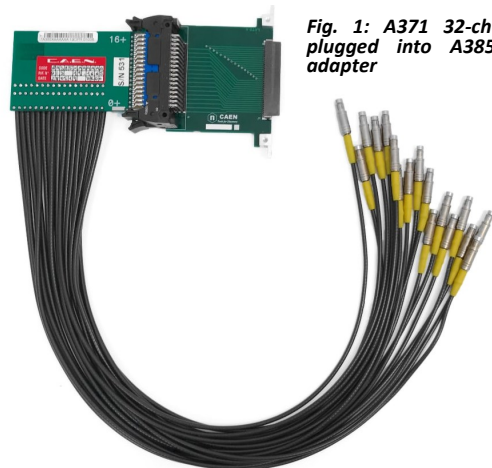


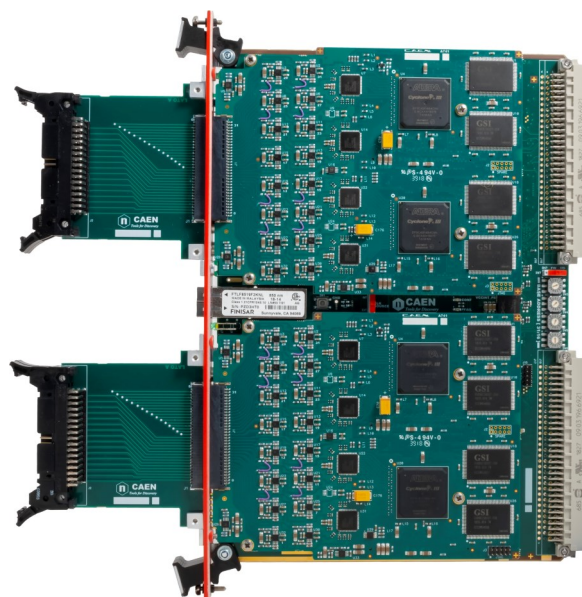
Passive adapter from 2-tier plug, 2.54mm standard pitch, to 1.27mm ERNI connector (34 pin / 32 channels).

Examples of use:

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

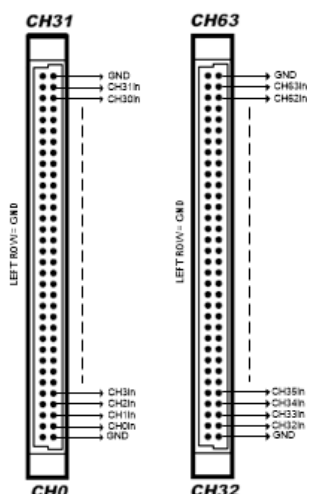


**Fig. 1: A371 32-ch ERNI adapter plugged into A385 16-ch LEMO adapter**



**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.

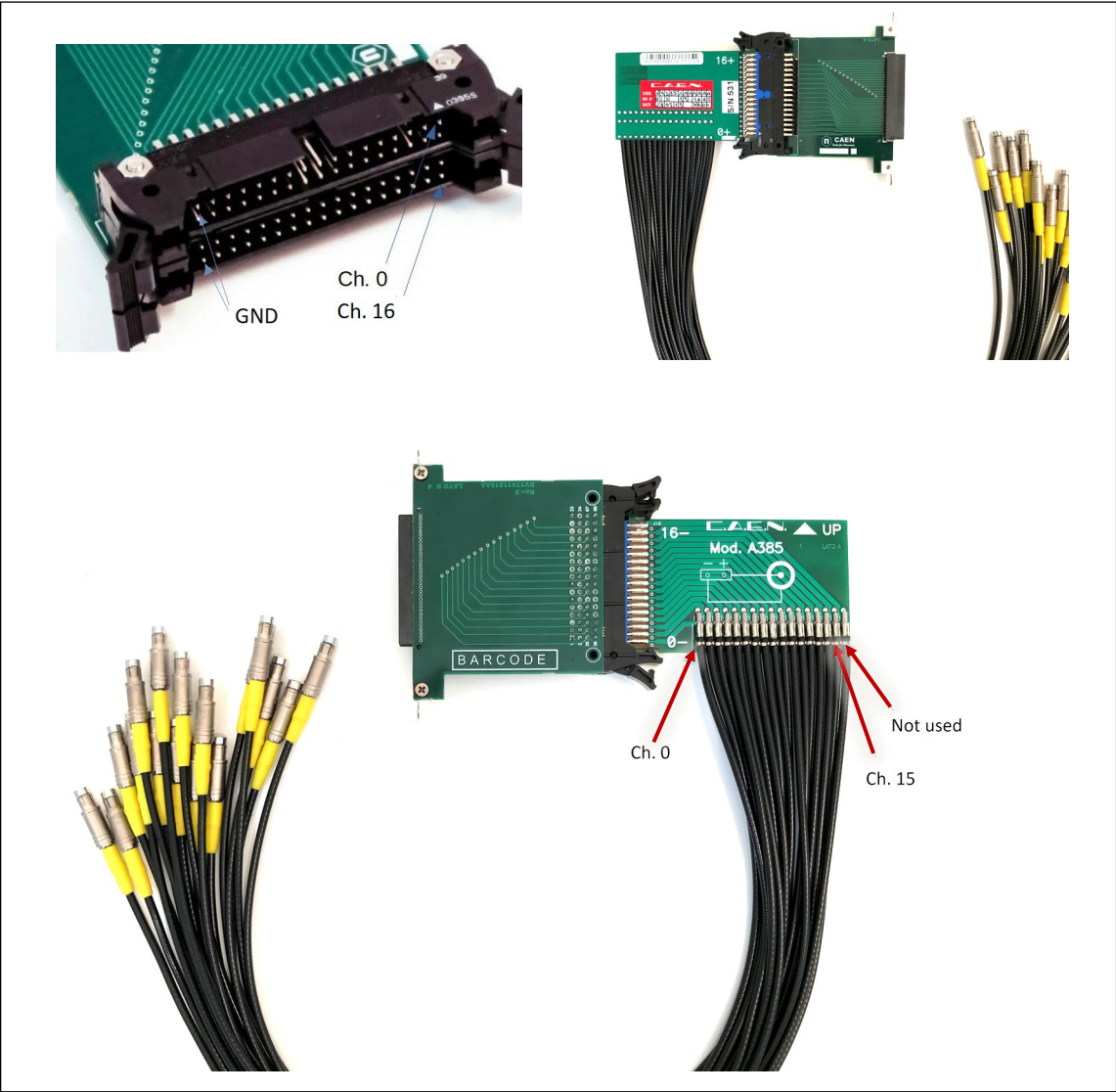


Fig. 5: Picture of the A371 32-ch ERNI adapter, where the white arrow indicates the position of ch0 (top left), and the connection of A371 and A385 with the correspondence of the cables to channels.

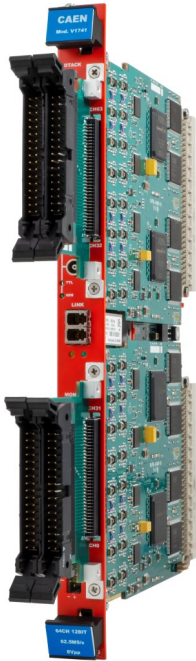


Fig. 4: A371 32-ch ERNI adapter plugged into the ERNI connectors of V1741 (front view)



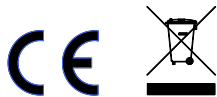
<https://www.caen.it/products/v1741>



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

### Ordering Option

Ordering code	Description
WA371XAAAAAA	A371 - Adapter 2.54 mm 34x2 pin male to 1.27 mm 68-pin ERNI SMC female



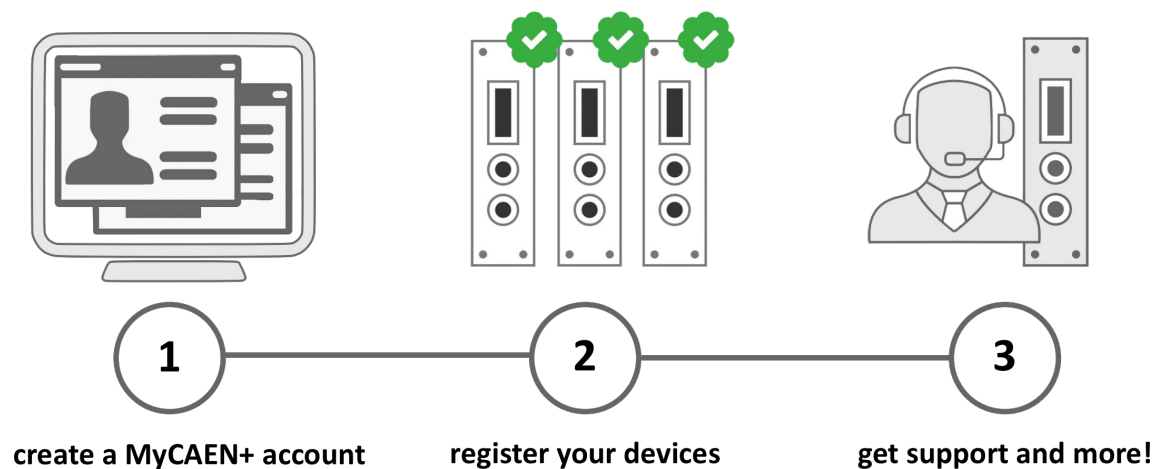
CAEN SpA  
Via Vetraila 11  
55049 – Viareggio Italy  
Tel +39.0584.388.398  
Fax +39.0584.388.959  
info@caen.it www.caen.it

[www.caen.it](http://www.caen.it)

## Register your device

Register your device to your **MyCAEN+** account and get access to our customer services, such as notification for new firmware or software upgrade, tracking service procedures or open a ticket for assistance. **MyCAEN+** accounts have a dedicated support service for their registered products. A set of basic information can be shared with the operator, speeding up the troubleshooting process and improving the efficiency of the support interactions.

**MyCAEN+** dashboard is designed to offer you a direct access to all our after sales services. Registration is totally free, to create an account go to <https://www.caen.it/become-mycaenplus-user> and fill the registration form with your data.





**CAEN S.p.A.**

Via Vetraria 11  
55049 - Viareggio  
Italy  
Phone +39 0584 388 398  
Fax +39 0584 388 959  
info@caen.it  
**www.caen.it**



**CAEN GmbH**

Brunnenweg 9  
64331 Weiterstadt  
Germany  
Tel. +49 (0)212 254 4077  
Mobile +49 (0)151 16 548 484  
info@caen-de.com  
**www.caen-de.com**

**CAEN Technologies, Inc.**

1 Edgewater Street - Suite 101  
Staten Island, NY 10305  
USA  
Phone: +1 (718) 981-0401  
Fax: +1 (718) 556-9185  
info@caentechnologies.com  
**www.caentechnologies.com**

**CAENspa INDIA Private Limited**

B205, BLDG42, B Wing,  
Azad Nagar Sangam CHS,  
Mhada Layout, Azad Nagar, Andheri (W)  
Mumbai, Mumbai City,  
Maharashtra, India, 400053  
info@caen-india.in  
**www.caen-india.in**

