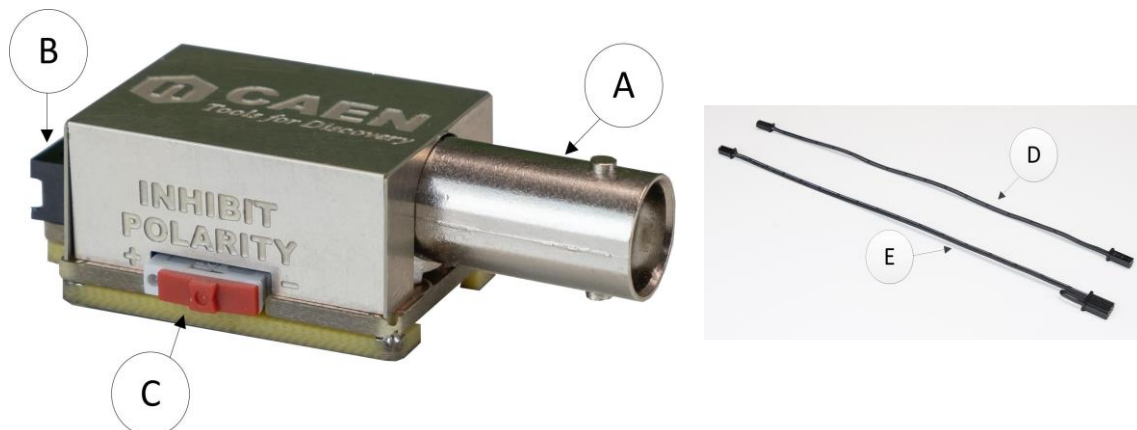


Overview

The **A1482 – A1484** allow to adapt into BNC connectors, the front panel Inhibit or Kill input of CAEN HV modules. The A1482 is suitable for units with AMP 2 pin connectors, the A1484 fits modules with AMP 4 pin connectors.



External components:

A	Input	BNC connector	Inhibit / Kill input signal
B	Output	AMP plug	Inhibit / Kill output signal
C	Polarity	2 position slide switch	Inhibit / Kill input logic (depending on Interlock setting)
D	2P Cable	Output cable for A1482	
E	4P Cable	Output cable for A1484	

Installation: plug the output cable (D or E) into the HV module Inhibit or Kill input and into the A1482-4 output (B) ; connect the Inhibit or Kill signal source to the A148x input (A), via a BNC cable.

Select via the Polarity switch (C) the operation mode required by the used detector (refer to device User's manual); in fact, the HV output is "killed" with the following combinations of Input signals and Interlock settings:

Inhibit/Kill Active if Input	Inhibit/Kill Not Active if Input	Polarity	Module Interlock setting	Notes
Open circuit	Closed circuit	Positive	Driven	A1484 only
$V < 0.8V$	$V > 2.4V$ or Open circuit	Positive	Undriven	
$-24V < V < +1.2V$ or ground	$+1.2V < V < 24V$ or Open circuit	Positive	Undriven	
$+1.2V < V < +24V$	$-24V < V < +1.2V$	Negative	Undriven	
0V	+12V	Positive	Undriven	
+5V	0V	Negative	Undriven	



Warning: power off all parts and wait a few minutes for discharges to take place before performing any connection!



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