

# V859

## Dual Attenuator



## Features



- Packaging 1U-wide VME unit
- Number of sections 1 or 2 (toggle switch selectable)
- Attenuation: dual 0÷44.5 dB; single 0÷89 dB
- Resolution: 0.5 dB
- Input impedance: 50  $\Omega$
- I/O delay: < 5 ns
- Accuracy: 1%
- Max frequency > 300 MHz
- Max dissipated power (per section): 100 mW
- Insertion loss: 0.1 dB

## Description

The CAEN **Mod. V859** is a passive dual section attenuator housed in a **1-unit VME module**; the module does not require any power supply since it is made up of resistive cells. Attenuation ranges from 0 to 44.5 dB for each section (0.5 dB steps). The two section can be "cascaded" in order to obtain a single section featuring a 0÷89 dB (step: 0.5 dB) attenuation.

Each section is provided with two LEMO-00 connectors, one for the input (50  $\Omega$  impedance) and one for the output, and seven toggle switch for attenuation setting; an additional switch allows to cascade the two sections.

### LEMO connector

1U-wide LEMO connector for Mod.V859

Consult our **connectors reference page** for technical information.

## Technical Specifications

### Packaging

1U-wide NIM unit

### Number of sections

2

### Attenuation

0+44.5 dB

### Resolution

0.5 dB

### Input impedance

50  $\Omega$

### I/O delay

< 5 ns (all stages inserted)

### Accuracy

1%

### Max frequency

> 300 MHz

### Max dissipated power (per section)

100 mW

### Insertion loss

0.1 dB

## Ordering Options

Code	Description	
WV859XAAAAAA	V859 - Dual Attenuator (0 to 44.5 dB)	RoHS

## Related Products

### VME8004X



2U 4 Slot VME64X Mini Crate

### VME8100



8U 21 Slot VME64/64X Enhanced Crate Series

### μ-crate



Desktop single-slot VME64X Crate

### VME8200



9U 21Slot VME64X Enhanced Crate series

### VME8001



1U 2 Slot VME64 Mini Crate

### VME8004B



2U 4 Slot VME64 Mini Crate

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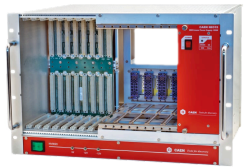
### VME8010



7U 21 Slot VME64 Low Cost Crate

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### NV8020A



7U CRATE VME/NIM 8 slot VME64 365W, 5 slot NIM 150W

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### VME8008X



4U 8 Slot VME64X Mini Crate

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### VME8008B



4U 8 Slot VME64 Mini Crate

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## VME8011



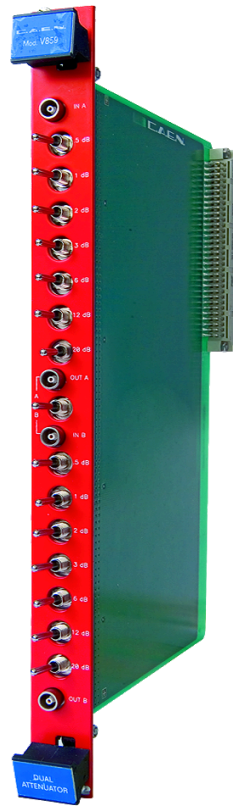
7U 21 Slot VME64 Low Cost Crate

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## VME8008XB

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## Gallery



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