

N108A

Dual Delay



Features



- Delay from 0 to 63.5 ns (+ 1.6 ns offset) per section
- No power supply required
- 0.5 ns step
- ± 100 ps accuracy on 0.5 to 8 ns delay lines, ± 200 ps on higher lines
- VSWR < 1.15

Description

The CAEN **Mod. N108A** is a passive **dual section delay unit** housed in a single unit NIM module; the module does not require any power supply since it is made up of calibrated coaxial cable stubs for high accuracy delay. Delay ranges from 0 to 63.5 ns for each section (0.5 ns steps). Each section has a 1.6 ns offset, so the actual delay ranges from 1.6 ns to 65.1 ns. In order to add a delay, the relevant toggle switch must be pulled towards right.

The delay sections (called “A” and “B”) are provided with two LEMO 00 connectors each, which are bi-directional: each connector can be used either as input or as output. Input impedance is 50 Ohm. Seven toggle switches per section allow the delay setting.

LEMO connector

1-unit wide NIM 6U for Mod. N108A

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

Technical Specifications

Packaging

1 unit wide NIM module

Number of sections

2

Delay

0 to 63.5 ns (+1.6 ns)

Resolution

0.5 ns

Input impedance

50 ± 2 Ohm

Accuracy

- ± 100 ps (for delay steps 0.5 through 8 ns)
- ± 200 ps (for delay steps 16 and 32 ns)

Max attenuation

< 2.5 dB

VSWR

< 1.15

Ordering Options

Code	Description
WN108AXAAAAA	N108A - Dual Delay Unit (1.6 to 65.1 ns) RoHS

Related Products

NIM8304



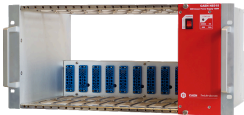
7U 12 slot smart fan unit Switching 2000 W Crate

NIM8303



5U 12 slot 300/600 W Crate

NIM8302



5U 10 slot 150 W Compact Crate

NIM8305



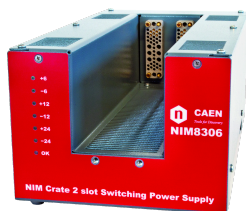
2 Slot Switching 450 W Mini Crate

NIM8302P



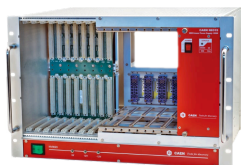
5U 5 slot 150 W Portable Crate

NIM8306



2 Slot Switching 750 W Mini Crate

NV8020A



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

Gallery



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CAEN S.p.A.

Via Vetraia 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

Phone +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 West
Mumbai, Maharashtra 400053, India

info@caen-india.in

www.caen-india.in

