

V972

Delay Unit



Features



- Completely passive delay via a set of calibrated coaxial cable stubs (50 Ω)
- 0.5 to 31.5 ns delay with 2.6 ns offset
- 0.5 ns resolution
- ± 100 ps accuracy on 0.5 to 8 ns delay steps; ± 200 ps accuracy on 16 ns step
- VSWR < 1.15

Description

The CAEN **Mod. V972** is a **1-unit wide VME 6U module** that houses a delay unit with a range from 0 to 31.5 ns with a 2.6 ns offset. The delay can be set in 0.5 ns steps via front panel toggle switches. The unit is made up of calibrated coaxial cable stubs for high accuracy delay and does not require any power supply. The module features LEMO 00 I/O connectors.

LEMO connector

1-unit wide VME 6U for Mod. V972

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

Technical Specifications

Packaging

1U VME

Delay

0 to 31.5 ns (+ 1.6 ns offset)

Resolution

0.5 ns

Input impedance

$50 \pm 2 \Omega$

Accuracy

± 100 ps (for delay steps 0.5 ns through 8 ns)

± 200 ps (for 16 ns and 32 ns delay steps)

Max attenuation

< 2.5 dB

VSWR

< 1.15

Ordering Options

Code	Description	
WV972XAAAAAA	V972 - Delay Unit (2.6 to 34.1 ns)	RoHS

Related Products

VME8100



8U 21 Slot VME64/64X Enhanced Crate Series

μ-crate



Desktop single-slot VME64X Crate

VME8200



9U 21Slot VME64X Enhanced Crate series

NV8020A



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

VME8004B



2U 4 Slot VME64 Mini Crate

VME8001



1U 2 Slot VME64 Mini Crate

VME8010



7U 21 Slot VME64 Low Cost Crate

VME8008X



4U 8 Slot VME64X Mini Crate

VME8008B



4U 8 Slot VME64 Mini Crate

VME8011



7U 21 Slot VME64 Low Cost Crate

VME8004X



2U 4 Slot VME64X Mini Crate

Gallery



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