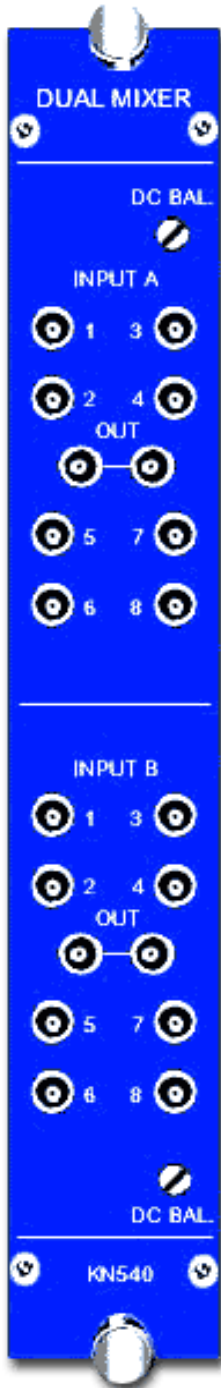


OCTAL FAST TRIGGER



《ABSTRACT》

- ◆ This module outputs the signal that is added the wave height value of the discriminated value of high speed signal for example PMT(Photo Multiplier Tube) etc.
- ◆ The input and output signal is based on NIM standard of AEC. (Atomic Energy Commission US)
- ◆ It has 2 channels of the same function.

《Specifications》

Input characteristics;

- ◇ INPUT : $8 \times 2\text{ch}$
- ◇ Linier range : $+2\text{V} \sim -2\text{V}$
- ◇ Impedance : $50\ \Omega$
- ◇ Polarity : plus or minus
- ◇ Offset : MAX 5mV

Output characteristics ;

- ◇ OUTPUT : $2 \times 2\text{ch} (+40\text{mA} \sim -40\text{mA}) / 2\text{V}$
- ◇ Impedance : $50\ \Omega$
- ◇ Polarity : non-invert for input
- ◇ DC BALANCE : $\pm 150\text{mV}$ min variable
- ◇ Offset : MAX 5%
- ◇ Temperature characteristic : MAX $300\text{mV}/^\circ\text{C}$
- ◇ Risetime, Faltime : Approx. 2nS

- ◆ IN-OUT GAIN : $0.9 \pm 15\%$ at $50\ \Omega$ termination
- ◆ Band width : 180MHz
- ◆ Delay time between input and output : Approx. 2.5nS
- ◆ The input and output connector : Standard LEMO connector.
- ◆ Packaging : NIM standard single-width module.
- ◆ Consumption current : -6V Approx. 80mA
 $+6\text{V}$ Approx. 90mA
 -12V Approx. 130mA
 $+12\text{V}$ Approx. 130mA



KAIZUWORKS CORPORATION
 9-18 HIGASHIMATSUBARA HAKONEGASAKI MIZUHOMACHI
 NISHITAMAGUN TOKYO 190-1222 JAPAN
 Tel : 042-568-0866 Fax : 042-568-0867

E-mail kaizuwks@kaizuworks.co.jp Homepage <http://www.kaizuworks.co.jp>