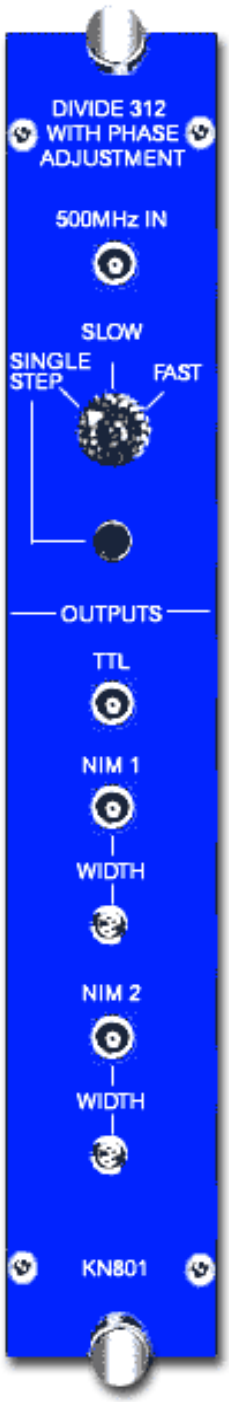
NIM Module

Model KN801

DIVIDE 312 with PHASE ADJUSTMENT



≪ABSTRACT≫

◆This module divide RF signal(500MHz) that is used in the accelerater of the test of the elementary particle and the atomic nucleus 1 into 312.

◆This module outputs the pulse at the 1- 1/312 delayed timing of the synchronized signal with the input RF signal(500MHz).

◆Output level : TTL is 1 sytem, NIM is 2 systems(variable pulse width).

≪Specifications≫

Input chacteristics ;

◇Frequency : 500MHz(sine wave)

◇Signal level : 500mV～1V($^{P-P}$)

Output characteristics ;

1) TTL

Impedance : 50Ω

Signal level : 2. 5V/at 50Ω terminated

Risetime,Falltime : 3nS max.

Pulse width : Approx. 50nS

2) NIM1/NIM2

Impedance : 50Ω

Signal level : NIM signal(0～－0. 8V)

Risetime,Falltime : MAX 1. 5nS

Variable range of pulse width : 10～80nS(50nS)

Phase mode : FAST･SLOW･SINGLE･STEP

◆The input and output connector : Standard LEMO connector.

◆Packaging : NIM standard single-width module.

◆Consumption current : －6V Approx.230mA

＋6V Approx.330mA

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