

MODEL N 105

DUAL FAN-OUT 1 x 16

FEATURES

- One unit wide NIM module.
- 2 sections - 1 input/16 outputs each.
- 8 ns input/output delay.
- All signals std. NIM level.

DESCRIPTION

The Model N 105 is a compact and low-cost one-unit wide NIM module featuring two independent FAN-OUT sections, each with 1 input and 16 outputs.

The LEDs placed on the front panel indicate the presence of pulses at the corresponding input connectors.

SPECIFICATIONS

(each section)

INPUT CHARACTERISTICS:

Input: 1; 50 Ω impedance; std. NIM logic levels. Min. input width: 8 ns.
The LED ON indicates the presence of the input pulse.

OUTPUT CHARACTERISTICS:

Output: 16; std. NIM level.

Rise-Fall Time: ≤ 3 ns
Input-Output Delay: ≤ 8 ns (± 2 ns)
Delay Uniformity: ≤ 2 ns
Max. rate: 80 MHz

All connectors are LEMO 00 type.

POWER REQUIREMENTS:

+6 V 110 mA
-6 V 850 mA

