8010

NIM PULSE GENERATOR

The Berkeley Nucleonic's Model 8010 is an inexpensive general purpose pulse generator with a broad operating range. Its two outputs provide for the maximum in output waveform flexibility. For example, one may have TTL and ECL levels simultaneously. The internal clock rates, 1 Hz to 50 MHz, together with external trigger, single cycle, and synchronous and asynchronous gating gives the user a very broad range of pulse train control. The Model 8010 is packaged in an AEC NIM module, a convenient standard in the non-nuclear as well as nuclear field. The compact size of the module (the front panel is only 2.7" x 8.7") permits independent use or easy interconnection of multiple pulsers in a system

Applications

- Frequency Source or Oscillator
- Trigger able Pulse Source
- Gate or Width Generator
- Double Pulser
- Single Cycle Pulser
- Gateable Oscillator
- Delay Generator
- Four-Output Pulser

Specification

Model	8010
Frequency	1 Hz to 50 MHz in 8 ranges, continuously adjustable
External trigger	O Hz to 50 MHz.
Positive Output Amplitude	500 mV to 5 V continuously adjustable into 50 Ohms (TTL logic).
Negative Output Amplitude	-0.8V pulse (NIM logic) to 50 Ohms
Duty Factor	Greater than 50% each output
Trigger Out	Positive +1.1V square wave into 50 ohms
Weight	3 1/2 lbs
Power Source	+12 V @ 380 mA, -12 V 100 Ma / +12 V @ 80 mA, -12 V @ 100 mA, +6 V @ 300 mA

Tel.: +966 1 487 4330 - 489 2188
Fax: +966 1 489 2466
Email: sales@asilariyadh.com