



Applications

General purpose test facility
TDR pulser
Cable response measurement
Image intensifier gating

Summary

- general purpose fast pulse generator
- Low jitter
- up to 20kHz repetition rate
- up to 50 volt output (into 50 Ω)
- 110/240 V AC power
- Sun 200ps rise time
- Compact 2U 19 inch rack mounting

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SPECIFICATIONS

Amplitude	0 - 50V, front panel adjustable
Polarity	Positive
Load	50 ohms
Rise time	<200ps 20-80%
Fall time	<500ps 80-20%
Pulse width	1 - 100ns front panel adjustable
PRF	20kHz
Trigger input	5V, width in the range 2ns to 1000ns
Jitter, trigger to output leading edge	<15ps (assuming trigger rise time is <=2ns)

Indicators, connectors and controls	
AC power	Rocker
AC power indicator	LED
Trigger input	BNC
Trigger indicator	LED
Pulse output	SMA
Amplitude	Rotary
Pulse width	Rotary

Power	100-240V ac 50/60Hz
Physical (TBD)	19" rack mount, 2U

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