

# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
ENGINEERING - MANUFACTURING

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## SPECIFICATIONS

### MODEL AVX-D-3-KS1

Model designation: AVX-D-3-KS1

Delay range:                      Range                      Delay (usec)

	1	40-100
	2	100-160
	3	160-210
	4	210-280
	5	280-340
	6	340-410

PRF range:                      0 to 12 KHz (min delay)  
   0 to 1.2 KHz (max delay)

   (Delay must not exceed 50%  
   of period of PRF)

Jitter:                              10 usec:    ≤ ±100 psec  
   100 usec:   ≤ ±300 psec

Input PW:                              50 to 500 nsec

Output PW:                              500 nsec

Trig. PW:                              Equals input PW

Prop delay, IN to  
TRIG port:                              <30 nsec

Signal amplitudes:                      TTL levels  
   Outputs will drive 50 ohm loads

Power requirements:                      +15 volts, 100 mA

Connectors:                              SMA

05.26.88

AMTECH ELECTROYS LTD

ENGINEERING CONSULTANTS

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