

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
ENGINEERING - MANUFACTURING

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SPECIFICATIONS

MODEL AVX-D-3-KS2A

Model designation: AVX-D-3-KS2A

Delay range: Range Delay msec ($\pm 5\%$)

	1	5.6-16
	2	16-26.5
	3	26-36.5
	4	26.5-47.8
	5	47.8-58
	6	58-68.5

Duty cycle: Will operate to at least 90%
of period

Max delay versus PRF:

<u>PRF</u> (Hz)	<u>PERIOD</u> (msec)	<u>MAX DELAY</u> (msec)
15	66.67	59.99
20	50.0	45.0
30	33.33	29.99

Jitter: $\leq \pm 1$ nsec

Input PW: 50 to 500 nsec

Output PW: 2 usec

Signal amplitudes: TTL level (+5 volts)
Output will drive 50 ohm loads

Power requirements: +28 volts, 100 mA

Connectors: SMA

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