

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
ENGINEERING . MANUFACTURING

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SPECIFICATIONS

MODEL AVX-D-2

Model designation:	AVX-D-2
Delay range:	nsec to 10 usec Low range: nsec to approx. nsec Med. range: nsec to usec High range: usec to 10 usec 10 turn DL pot control determines delay within each range
PRF range:	0 to 1 MHz Note that at given PRF, max delay can not exceed one half of period of PRF
Jitter:	±20 psec to be confirmed using AVH-S-1 130 psec impulse generators and sampling scope display
Input PW:	50 to 500 nsec
Output PW:	200 to 300 nsec
Trig. PW:	Equals input PW
Prop delay, IN to TRIG port:	≤10 nsec
Signal amplitudes:	TTL levels Outputs will drive 50 ohm loads
Power requirements:	+15V DC 100 mA
Connectors:	SMA
Chassis:	As AVX-D but with addition of range switch