



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

INSTRUCTIONS

Model:	AVX-CP-1	AVX-CP-2	AVX-CP-3	AVX-CP-4
Maximum input voltage:	40 V	60 V	150 V	350 V
Maximum pulse width at a given amplitude ¹ :	100ns / 5V 75ns / 10V 60ns / 40V	200ns / 10V 100ns / 20V 50ns / 60V	250ns / 20V 100ns / 70V 50ns / 150V	600ns / 20V 200ns / 100V 100ns / 350V
Rise time ² :	≤ 300 ps	≤ 1 ns	≤ 0.5 ns	≤ 1.2 ns
Maximum average power:	1/4 W	1/4 W	1/2 W	1 W
Input and load impedance:	50 Ohms			
Drop:	≤ 10% (at max input)			
Connectors:	SMA			
Size: (H x W x D)	36 × 28 × 59 mm (1.4" x 1.1" x 2.3")			
Chassis material:	cast aluminum, blue enamel			

1) As determined using synchronous, equal amplitude pulses applied to both inputs.
2) Measured 20%-80%, in response to a step input.

USAGE

