



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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☒ BOX 5120, LCD MERIVALE  
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## INSTRUCTIONS

Model:	AVX-1	AVX-1B	AVX-1A	AVX-2	AVX-3
Rise time <sup>1</sup> :	300 ps	350 ps	300 ps	60 ps	150 ps
Max. PW:	100 ns	1 us	1 us	10 ns	50 ns
Drop:	≤ 10% at maximum pulse width				
Impedance:	50 Ohms				
Max. voltage <sup>3</sup> :	350V	200 V	100 V	50 V	50 V
Connectors:	SMA female (both) <sup>2</sup>				
Size: (H x W x D)	AVX-1B: 28 x 33 x 58 mm (1.1" x 1.3" x 2.3") Others: 38 x 28 x 23 mm (1.5" x 1.1" x 0.9")				
Chassis:	cast aluminum, blue enamel				

1) Measured 20%-80%, in response to a step input.

2) To specify one SMA male connector and one SMA female connector, add the suffix -MF to the model number.

3) Higher input voltages are normally possible if the maximum pulse width is reduced. Contact Avtech for details about specific applications

## USAGE

