



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## INSTRUCTIONS

### MODEL AVHF-1 COMB GENERATOR

#### (PROTOTYPE)

- 1) This unit requires a CW 100 MHz 0.5 Watt ( $\approx 15$  Volts peak to peak) signal applied to the in SMA connector.
- 2) The out SMA connector must be terminated in 50 Ohms.
- 3) The output impulses have a pulse width of 130 ps and an amplitude of 10 V. The output impulses are superimposed on a spurious component of the input frequency.
- 4)
- 5) The output "comb" spectrum includes lines at all multiples of the input frequency up to at least 18 GHz.
- 6) For additional assistance:

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