



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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AVX-SP-1 Power Splitter

INSTRUCTIONS

The AVX-SP-1 power splitter is designed to be used with the AVI, AVMR, AVR-E, AV-1000-C and AVL series of pulse generators. The outputs at the out terminals are of the same polarity as the input applied at the IN terminal. The magnitudes of the two outputs are both equal to one half the magnitude at the IN terminal. Note that the two outputs require a 50 Ohm load.

Rise Time:	≤ 300 psec
Input Impedance:	50 Ohm
Load Impedance:	50 Ohm
Connectors:	SMA
Max. Input Voltage:	350 Volts
Max. Power Dissipation:	½ Watt (average)
Max. Pulse Width:	No limit (DC coupled)
CW Bandwidth:	DC to 1 GHz
Size (in):	1.5 x 1.1 x 0.9
Chassis Material:	Cast aluminum, blue enamel