



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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AVX-SP-4 Power Splitter

INSTRUCTIONS

The AVX-SP-4 power splitter is designed to be used with the AVI, AVK, AVN, AVM and AVP series of pulse generators and AVH series of impulse generators. The output at the + terminal is of the same polarity as the input applied at the IN terminal while the output at the – terminal is inverted with respect to the IN terminal. The magnitudes of the outputs at the + and – terminals are both equal to one half the magnitude at the IN terminal. Note that the two outputs require 50 Ohm loads.

Rise Time:	≤ 100 psec
CW Bandwidth:	0.1 to 2.0 GHz
Load Impedance:	50 Ohm
Input Impedance:	50 Ohm
Connectors:	SMA
Max. Input Voltage:	30 Volts
Max Average Power:	¼ watt
Max. Pulse Width:	10 nsec
Size (in):	1.5 x 1.1 x 0.9
Chassis Material:	Cast aluminum, blue enamel