



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## AVX-SP-3 Power Splitter

### INSTRUCTIONS

The AVX-SP-3 power splitter is designed to be used with the AVI, AVMP, AVN, AVM and AVP series of pulse generators and AVH series of impulse 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:	≤ 100 psec
Input Impedance:	50 Ohm
Load Impedance:	50 Ohm
Connectors:	SMA
Max. Input Voltage:	30 Volts
Max. Power Dissipation:	¼ Watt (average)
Max. Pulse Width:	No limit (DC coupled)
CW Bandwidth:	DC to 5 GHz
Size (in):	1.5 x 1.1 x 0.9
Chassis Material:	Cast aluminum, blue enamel