



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## AVX-SP-3-MPIA Power Splitter - Monitor

### INSTRUCTIONS

The AVX-SP-3-MPIA 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 M output is equal to one-tenth the magnitude at the IN terminal while the "OUT" output is equal in magnitude to the "IN" input. 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