

**SPECIFICATION SHEET**  
**JFW MODEL 50P-1139**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-2000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-1.5 dB in 0.1 dB steps
Attenuation Steps	.1, .2, .4 and .8 dB
VSWR	1.4:1 maximum
Attenuation Accuracy (per cell)	± .02 dB    DC-500 MHz ± .03 dB    500-1000 MHz ± .05 dB    1000-2000 MHz
Attenuation Accuracy (max attenuation)	± .1 dB
Insertion Loss	3.5 dB at 2000 MHz
RF Input Power	1 Watt average
Switching Speed	6 milliseconds
Control	+12 Vdc at 30 mA per relay
DC Connector	.040 Diameter solder terminals
RF Connector	SMA female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2417

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	02/02/1996						
9999	09/24/2002	A	TRS 10/01/2002				