

**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	4.2 dB maximum
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

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/02/1996						
9999	09/24/2002	A	TRS 10/01/2002				
30388	05/14/2020	B	CLK 05/14/2020				