

**SPECIFICATION SHEET**  
**JFW MODEL 50P-1128**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-2000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-63.75 dB in 0.25 dB steps
Attenuation Steps	.25, .5, 1, 2, 4, 8, 16 and 32 dB
VSWR	1.4:1 maximum DC-1000 MHz 1.5:1 maximum 1000-2000 MHz
Attenuation Accuracy (guaranteed monotonic)	DC-1000 MHz .25, .5 dB ± .1 dB 1, 2, 4, 8 dB ± .25 dB 16, 32 dB ± 2%  1000-2000 MHz .25, .5 dB ± .15 dB 1, 2, 4, 8 dB ± .3 dB 16, 32 dB ± 3%
Insertion Loss	3.0 dB maximum DC-1000 MHz 3.5 dB maximum 1000-2000 MHz
RF Input Power	0.5 Watts average
Switching Speed	6 milliseconds
Control	+12 Vdc @ 30 mA per relay (8 relays total)
DC Connector	Solder terminals
RF Connector	SMA female
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2393

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/28/1995			4422	01/20/2004	C	CLV 01/20/2004
487	12/08/1995	A					
9999	09/18/2002	B	TRS 09/19/2002				