

**SPECIFICATION SHEET**  
**JFW MODEL 50P-847**  
**RELAY PROGRAMMABLE ATTENUATOR**

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Frequency Range	DC-5000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-15 dB in 1 dB steps
Attenuation Steps	1, 2, 4, and 8 dB
VSWR	1.3:1 maximum DC-2000 MHz 1.5:1 maximum 2000-5000 MHz
Attenuation Accuracy	± 0.3 dB or 3% DC-1000 MHz ± 0.5 dB or 4% 1000-3000 MHz ± 0.5 dB or 5% 3000-5000 MHz
Insertion Loss	2.5 dB maximum DC-2000 MHz 4.0 dB maximum 2000-5000 MHz
RF Input Power	0.5 Watts average 100 Watts peak
Switching Speed	10 milliseconds
Control	+12 Vdc @ 30 mA per relay
DC Connector	.040 Diameter solder terminals
RF Connector	SMA male/female or SMA female/female
Operating Temperature Range	-20°C to +85°C
Storage Temperature Range	-40°C to +85°C
Physical Size	See outline drawing 092-3839 (M/F) 092-1559 (F/F)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/19/2001			4427	01/21/2004	C	CLV 01/22/2004
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