

**SPECIFICATION SHEET**

**JFW MODEL 50AP-077**

**ANALOG ATTENUATOR**

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Frequency Range	50-2200 MHz (usable to 2400 MHz)
Impedance	50 Ohms nominal
Attenuation Range	0-20 dB Continuously Variable
VSWR	1.5:1 maximum to 1000 MHz 1.7:1 maximum to 2200 MHz
Attenuation Accuracy	± 1.0 dB maximum ± 0.5 dB typical thru 10 dB
Insertion Loss	3 dB nominal
3rd Order Intercept Point	+35 dBm minimum
Switching Speed	50 microseconds
RF Input Power	+10 dBm
DC Supply	+5 Vdc @ 2 mA
Control (negative slope)	0 to +10 Volts @ 20 mA (+10 Volts = insertion loss) (0 Volts = maximum attenuation)
RF Connector	SMA or N female
Operating Temperature Range	-20°C to +75°C
Storage Temperature Range	-40°C to +85°C
Physical Size	See outline drawing 092-250

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
2344	04/12/2000	B		2962	04/17/2002	E	
2692	05/23/2001	C		9999	06/17/2003	F	TRS 02/20/2004
2863	01/07/2002	D		17479	07/28/2009	G	TRS 07/28/2009