

SPECIFICATION SHEET**JFW MODEL 50P-941****SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	10-800 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-79 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 16 and 32 dB
VSWR	1.4:1 maximum
Attenuation Accuracy	± 0.25 dB or 2% 10-400 MHz ± 0.25 dB or 3% 400-800 MHz (whichever is greater)
Insertion Loss	3.5 dB to 600 MHz 4.5 dB to 800 MHz
Insertion Loss Flatness	± 0.5 dB maximum 10-200 MHz ± 0.75 dB maximum 10-600 MHz ± 1.25 dB maximum 10-800 MHz
RF Input Power (1 dB compression)	+16 dBm 10-100 MHz +19 dBm 100-200 MHz +22 dBm 200-800 MHz
Switching Speed	4 microseconds
Phase Shift (from insertion phase)	$\pm 3^\circ$ at any setting 10-400 MHz $\pm 5^\circ$ at any setting 400-800 MHz
DC Supply	+5 Vdc @ 350 mA maximum
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	Plug-in Printed Circuit
RF Connector	Plug-in Printed Circuit
Physical Size	See outline drawing 092-596

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/08/1992			9999	11/02/2002	C	TRS 12/13/2002
834	09/16/1997	A		14364	07/06/2007	D	TRS 07/06/2007
1060	04/28/1998	B					