

SPECIFICATION SHEET**JFW MODEL 50P-1122****SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	30-1000 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 (maximum)	1.5:1 maximum
Attenuation Accuracy	$\pm .35$ dB or 3% 30-600 MHz $\pm .5$ dB or 3% 600-1000 MHz
Insertion Loss	3.5 dB nominal 30-600 MHz 5.0 dB nominal 600-1000 MHz
Insertion Loss Flatness	± 0.5 dB maximum 30-600 MHz ± 1.0 dB maximum 600-1000 MHz
RF Input Power	+10 dBm average +20 dBm (1 dB compression)
Switching Speed	500 nanoseconds maximum
Phase Shift (from insertion phase)	$\pm 5^\circ$ 30-600 MHz $\pm 8^\circ$ 600-1000 MHz
DC Supply	+5 Volts DC @ 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
	09/19/1995			498	01/25/1996	C	
474	10/27/1995	A		1058	04/24/1998	D	
483	11/22/1995	B		9999	09/18/2002	E	TRS 09/19/2002