

SPECIFICATION SHEET**JFW MODEL 50P-686****SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	20-1000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32, and 64 dB
VSWR	1.4:1 maximum
Attenuation Accuracy	$\pm .2$ dB or 2% 20-500 MHz $\pm .4$ dB or 2% 500-1000 MHz (whichever is greater)
Insertion Loss	3 dB nominal 4 dB maximum
RF Input Power	+10 dBm
Switching Speed	5 microseconds
DC Supply	+5 Vdc @ 300 mA
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	3M #3793-5303
RF Connector	SMA, N, BNC, or TNC
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5535-03

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
502	06/18/1996	A		3092	08/07/2002	D	
2000	11/18/1998	B		9999	10/14/2002	E	TRS 11/21/2002
2915	03/07/2002	C		14611	08/27/2007	F	CLK 08/28/2007