

SPECIFICATION SHEET

JFW MODEL 50P-1321

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	500-2500 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	1.6:1 maximum
Attenuation Accuracy	± 0.5 dB or 2% of programmed (whichever is greater)
Insertion Loss	5 dB maximum 2 dB typical @ 500 MHz 4 dB typical @ 2500 MHz
RF Input Power	+20 dBm operating +30 dBm no damage
Switching Speed	2 microseconds maximum
DC Supply	+5 Vdc @ 300 mA nominal
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	3M #3793-5303
RF Connector	SMA or N female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-4027

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/22/1999			12909	06/09/2006	C	TRS 06/09/2006
9999	10/02/2002	A	TRS 03/21/2006				
12547	03/21/2006	B	TRS 03/21/2006				