

SPECIFICATION SHEET
JFW MODEL 50P-1501
SOLID STATE PROGRAMMABLE ATTENUATOR

JFW Industries, Inc.
 Phone: 317-887-1340
 sales@jfwindustries.com
 www.jfwindustries.com

Frequency Range	200-3000 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	1.5:1 maximum
Attenuation Accuracy	1, 2, 4, 8 dB ± .25 dB to 2000 MHz 1, 2, 4, 8 dB ± .4 dB to 3000 MHz 16, 32, 64 dB ± .5 dB or 2% (whichever is greater)
Insertion Loss	3.5 dB maximum to 1000 MHz 6.0 dB maximum to 3000 MHz
RF Input Power	+20 dBm operating +30 dBm (no damage)
Switching Speed	2 microseconds
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 female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5702-01 (SMA) 092-4302 (N)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/19/2001			9999	10/11/2002	C	TRS 10/18/2002
2729	07/18/2001	A		4350	09/22/2003	D	CLV 09/22/2003
3016	06/04/2002	B		15300	02/01/2008	E	CLK 02/01/2008