

SPECIFICATION SHEET

JFW MODEL 50P-1582

SOLID STATE PROGRAMMABLE ATTENUATOR

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

Frequency Range	800-2200 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-1.5 dB in 0.1 dB steps
Attenuation Steps	0.1, 0.2, 0.4, and 0.8 dB
VSWR	1.5:1 maximum
Attenuation Accuracy (guaranteed monotonic)	0.1 dB ± 0.05 dB 0.2 dB ± 0.075 dB 0.4 dB ± 0.1 dB 0.8 dB ± 0.2 dB
Insertion Loss	0.5 dB nominal 1.0 dB maximum
RF Input Power	+20 dBm average +30 dBm (no damage)
Switching Speed	5 microseconds maximum 2 microseconds typical
3rd Order Intercept Point	+41.5 dBm typical
DC Supply	+5 Vdc @ 15 mA nominal
Control Logic (4 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	T & B #609-1057
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-4110

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/09/2002		TRS 12/09/2002	4109	03/06/2003	C	CLV 03/06/2003
4105	03/03/2003	A	CLV 03/03/2003	4570	03/09/2004	D	CLV 04/12/2004
4107	03/05/2003	B	CLV 03/06/2003				