

SPECIFICATION SHEET**JFW MODEL 50P-1901****SOLID STATE PROGRAMMABLE ATTENUATOR**JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range	700-2700 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	± 0.5 dB or 2% of programmed (Whichever is greater)
Insertion Loss	5.2 dB maximum 2.9 dB typical @ 700 MHz 4.2 dB typical @ 2700 MHz
RF Input Power	+20 dBm
Switching Speed	5 microseconds maximum
DC Supply	+5 Vdc @ 140 mA typical (0 dB) @ 155 mA typical (127 dB) -5 Vdc @ 115 mA typical (0dB) @ 85 mA typical (127 dB)
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	T&B #609-1007
RF Connector	SMA
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5410-02

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/13/2010		CLK 04/13/2010				