

SPECIFICATION SHEET

JFW MODEL 50P-1867

SOLID STATE PROGRAMMABLE ATTENUATOR

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

Frequency Range	30-3000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-31.75 dB in 0.25 dB steps
Attenuation Steps	0.25, 0.5, 1, 2, 4, 8 and 16 dB
VSWR	1.5:1 maximum
Attenuation Accuracy (guaranteed monotonic)	± 0.10 dB 0.25-3.75 dB ± 0.25 dB 4.0-7.75 dB ± 0.50 dB or 4% 8.0-31.75 dB (whichever is greater)
Insertion Loss	2.5 dB maximum 1.3 dB typical @ 30 MHz 2.2 dB typical @ 3000 MHz
RF Input Power	+20 dBm (operating) +25 dBm (no damage)
Switching Speed	1 microsecond maximum 0.7 microseconds typical
DC Supply	+5Vdc @ 50mA nominal
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
RF Connector	SMA female
Operating Temperature Range	-40°C to +85°C
Physical Size	See outline drawing 092-5748-10

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/21/2009		CLK 08/21/2009	19051	08/25/2010	C	CLK 08/25/2010
17918	11/24/2009	A	CLK 11/24/2009				
18190	01/26/2010	B	CLK 01/26/2010				