

SPECIFICATION SHEET

JFW MODEL 50P-1080

SOLID STATE PROGRAMMABLE ATTENUATOR

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

Frequency Range	3-1215 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	1.4:1 maximum
Attenuation Accuracy	± 0.2 dB or 2% 3-500 MHz ± 0.4 dB or 2% 500-1215 MHz (whichever is greater)
Insertion Loss	4.0 dB maximum 3.3 dB typical
Insertion Loss Flatness	± 0.7 dB typical ± 1.0 dB maximum
RF Input Power	+10 dBm
Switching Speed	5 microseconds
DC Supply	+5 Vdc @ 300 mA
Control Logic (7 lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	3M #3793-5303
RF Connector	SMA, BNC, TNC, or N female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5535-03

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	09/12/2002	B	TRS 09/18/2002	14611	08/27/2007	E	CLK 08/28/2007
12686	05/02/2006	C	TRS 05/02/2006	20455	08/15/2011	F	TRS 08/15/2011
14364	07/06/2007	D	TRS 07/06/2007	29796	09/06/2019	G	TRS 09/06/2019