

SPECIFICATION SHEET

JFW MODEL 50P-1769

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 \pm 0.05 dB 0.2 dB \pm 0.075 dB 0.4 dB \pm 0.1 dB 0.8 dB \pm 0.2 dB
Insertion Loss	1.0 dB maximum 0.34 dB typical @ 800 MHz 0.89 dB typical @ 2200 MHz
RF Input Power	+20 dBm average +30 dBm (no damage)
Switching Speed	5 microseconds maximum 2 microseconds typical
DC Supply	+5 Vdc @ 15 mA nominal
Control Logic (4 Lines)	TTL Low for Thru Path TTL High for Attenuation
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5411

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/04/2007		TRS 06/04/2007				
20455	08/15/2011	A	TRS 08/15/2011				