

**SPECIFICATION SHEET**  
**JFW MODEL 50P-2041**  
**RELAY PROGRAMMABLE ATTENUATOR**

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

Frequency Range	DC-100 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	1.3:1 maximum
Attenuation Accuracy	± 0.1 dB maximum (1-63 dB) ± 0.2 dB maximum (64-127 dB) ± 0.1 dB goal (64-127 dB)
Insertion Loss	0.50 dB maximum 0.13 dB typical @ 30 MHz 0.28 dB typical @ 100 MHz
RF Input Power	1 Watt average
Switching Speed	6 milliseconds
Control	+12 Vdc @ 30 mA per relay
DC Connector	.040 Diameter solder terminals
RF Connector	BNC, TNC, N, or SMA
Operating Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-6951-01

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/22/2016		CLK 02/22/2016				
26346	02/23/2016	A	CLK 02/23/2016				