

SPECIFICATION SHEET

JFW MODEL 75P-193

SOLID STATE PROGRAMMABLE ATTENUATOR

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

Frequency Range	5-2150 MHz
Impedance	75 Ohms nominal
Attenuation Range	0-63 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16 and 32 dB
VSWR	1.4:1 typical / 1.6:1 maximum
Attenuation Accuracy	± 0.5 dB or 3% of programmed (whichever is greater)
Insertion Loss	1.6dB typical at 5MHz 2.3dB typical at 1000MHz 3.3dB typical at 1650MHz 4.6dB typical at 2150MHz 5.25dB maximum 5-2150MHz
RF Input Power	+10 dBm average maximum
Switching Speed	5 microseconds maximum
Switching Transients	1.2V pk-pk maximum
DC Supply	+5 Vdc @ 220 mA nominal
Control Logic (6 Lines)	TTL "Low" (0-0.8V) for Thru Path TTL "High" (2.0-5.0V) for Attenuation
DC Connector	3M #3446-5303
RF Connector	F female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5535-10

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/19/2014		BAC 09/19/2014				