

**SPECIFICATION SHEET**

**JFW MODEL 50P-1769**

**SOLID STATE PROGRAMMABLE ATTENUATOR**

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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 ± 0.05 dB 0.2 dB ± 0.075 dB 0.4 dB ± 0.1 dB 0.8 dB ± 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

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