

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 \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	0.5 dB nominal 1.0 dB maximum
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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