

SPECIFICATION SHEET

JFW MODEL 50P-1768

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	30-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-55 dB in 5 dB steps
Attenuation Steps	5, 10, 20, and 20 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	± 0.3 dB or 1% 30-500 MHz ± 0.5 dB or 2% 500-2500 MHz (whichever is greater)
Insertion Loss	1.5 dB typical at 30 MHz 4.0 dB typical at 2500 MHz 4.5 dB maximum
RF Input Power	+10 dBm average +30 dBm (no damage)
Switching Speed	5 microseconds typical
DC Supply	+5 Vdc at 70 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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