

SPECIFICATION SHEET

JFW MODEL 50P-2107

**USB CONTROLLED SOLID STATE PROGRAMMABLE
ATTENUATOR**

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Frequency Range	200-8000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-63 dB in 0.5 dB steps
Attenuation Steps	0.5, 1, 2, 4, 8, 16 and 32 dB
VSWR	1.6:1 maximum
Attenuation Accuracy	± 0.25 dB 0.5-6.5 dB ± 0.50 dB 7-14.5 dB ± 1.00 dB or 3% 15-63 dB (whichever is greater)
Insertion Loss	4.2 dB maximum 2.1 dB typical @ 200 MHz 3.7 dB typical @ 8000 MHz
RF Input Power	+24 dBm (operating - Input Side) +15 dBm (operating - Output Side) +25 dBm (no damage - Input Side) +16 dBm (no damage - Output Side)
Switching Speed	1 microsecond maximum 0.35 microseconds typical
DC Supply	+5 Vdc @ 2mA nominal
Control	USB control
Test Software (Microsoft .NET 4.0+) (Windows Vista or greater)	The included JFW software allows control of multiple USB devices. JFW managed library available for development in user made applications.
DC Connector	USB MINI-B 6' USB A to USB Mini-B Cable Included
RF Connector	SMA
Operating Temperature Range	-40°C to +85°C
Physical Size	See outline drawing 092-9407

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