

SPECIFICATION SHEET**JFW MODEL 50P-2057****SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	200-6000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-95.5 dB in 0.5 dB steps
Attenuation Steps	0.5, 1, 2, 4, 8, 16, 32 and 32 dB
VSWR	1.8:1 maximum < 1.6:1 typical
Attenuation Accuracy (guaranteed monotonic)	± 0.50 dB 0.5-7.5 dB ± 0.75 dB 8.0-15.5 dB ± 1.00 dB or 3% 16.0-95.5 dB (whichever is greater)
Insertion Loss	8.3 dB maximum 3.3 dB typical @ 200 MHz 3.5 dB typical @ 500 MHz 3.6 dB typical @ 700 MHz 4.4 dB typical @ 2000 MHz 7.9 dB typical @ 6000 MHz
RF Input Power	+27 dBm (operating) +33 dBm (no damage)
Switching Speed	4 microseconds maximum < 1 microsecond typical
DC Supply	+5Vdc @ 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 092-8062

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/27/2017		CLK 03/27/2017	33884	01/16/2025	C	CLK 01/16/2025
28386	12/29/2017	A	CLK 12/29/2017				
28429	01/12/2018	B	CLK 01/12/2018				