

SPECIFICATION SHEET

JFW MODEL 50P-2055

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	20-3000 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	1.7:1 maximum	
Attenuation Accuracy (guaranteed monotonic)	± 0.25 dB	0.5-7.5 dB
	± 0.50 dB	8-15.5 dB
	± 0.75 dB	16-63.5 dB
	± 2%	64-95.5 dB
Insertion Loss	6 dB maximum 3.0 dB typical @ 20 MHz 5.5 dB typical @ 3000 MHz	
RF Input Power	+27 dBm (operating)	
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 female	
Operating Temperature Range	-40°C to +85°C	
Physical Size	See outline drawings 092-8062	

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/20/2017		CLK 03/20/2017				
32220	11/07/2022	A	CLK 11/07/2022				