

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	8.0 dB maximum 2.9 dB typical @ 200 MHz 3.3 dB typical @ 800 MHz 4.0 dB typical @ 2000 MHz 7.7 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				
28386	12/29/2017	A	CLK 12/29/2017				
28429	01/12/2018	B	CLK 01/12/2018				