

SPECIFICATION SHEET

JFW MODEL 50P-2058

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	30-3000 MHz	
Impedance	50 Ohms nominal	
Attenuation Range	0-31.75 dB in 0.25 dB steps	
Attenuation Steps	0.25, 0.5, 1, 2, 4, 8 and 16 dB	
VSWR	1.5:1 maximum	
Attenuation Accuracy (guaranteed monotonic)	± 0.10 dB	0.25-1.00 dB
	± 0.25 dB	1.25-8.00 dB
	± 0.50 dB or 2%	8.25-31.75 dB
Insertion Loss	2.5 dB maximum	
	1.1 dB typical @ 30 MHz	
	1.3 dB typical @ 700 MHz	
	1.6 dB typical @ 2000 MHz	
	1.8 dB typical @ 3000 MHz	
RF Input Power	+27 dBm (operating)	
Switching Speed	3 microseconds maximum < 0.7 microseconds typical	
DC Supply	+5Vdc @ 50mA 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 092-8061	

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	03/31/2017		CLK 03/31/2017				
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