

SPECIFICATION SHEET

JFW MODEL 50P-2013

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range 200-6000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-63 dB in 1 dB steps

Attenuation Steps 1, 2, 4, 8, 16 and 32 dB

VSWR 1.8:1 maximum 200-800 MHz
1.5:1 maximum 800-6000 MHz

Attenuation Accuracy (guaranteed monotonic) ± 0.50 dB 1-7 dB
± 1.00 dB 8-11 dB
± 1.25 or 4% 12-63 dB
(whichever is greater)

Insertion Loss 5.5 dB maximum
2.6 dB typical @ 200 MHz
3.0 dB typical @ 800 MHz
3.5 dB typical @ 2000 MHz
5.0 dB typical @ 6000 MHz

RF Input Power +20 dBm (operating)
+25 dBm (no damage)

Switching Speed 1 microsecond 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

Operating Temperature Range -40°C to +85°C

Physical Size See outline drawing 092-8061

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/22/2014		CLK 08/22/2014				
25003	02/26/2015	A	CLK 02/26/2015				
26296	02/12/2016	B	CLK 02/12/2016				