

SPECIFICATION SHEET

JFW MODEL 50P-2014

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range 200-6000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-95 dB in 1 dB steps

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

VSWR 2.0:1 maximum

Attenuation Accuracy ± 0.50 dB 1-7 dB
(guaranteed monotonic) ± 1.00 dB 8-11 dB
± 1.25 or 4% 12-95 dB
(whichever is greater)

Insertion Loss 8 dB maximum
3.7 dB typical @ 200 MHz
4.0 dB typical @ 800 MHz
4.8 dB typical @ 2000 MHz
7.5 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 The included JFW software allows control
(Microsoft .NET 4.0+) of multiple USB devices.
(Windows Vista or greater) 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
	08/22/2014		CLK 08/22/2014				
25004	02/26/2015	A	CLK 02/26/2015				
26294	02/11/2016	B	CLK 02/11/2016				