

**SPECIFICATION SHEET**

**JFW MODEL 75PA-052**

**BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY**

JFW Industries, Inc.  
Phone: 317-887-1340  
sales@jfwindustries.com  
www.jfwindustries.com

Frequency Range	450-2150 MHz
Configuration	Two individually controlled solid-state programmable attenuators
Impedance	75 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
VSWR	1.8:1 maximum
Attenuation Accuracy (guaranteed monotonic)	1, 2, 4, 8 dB ± 0.4 dB 16, 32, 64 dB ± 3%
Insertion Loss	4.5 dB maximum
RF Input Power	+20 dBm average +30 dBm (no damage)
Switching Speed	2 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz
Manual Control	20-Button Keypad and LCD display
Remote Control	RS-232 (9600, 19200, or 38400 Baud) Ethernet (TCP, 10/100, up to 4 users)
Remote Commands	Attenuator Control Commands: Set Attenuator, Set Attenuator with Response, Read Attenuator, Set All Attenuators, Read All Attenuators, Set Multiple Attenuator, Fade Attenuator, Variable Handover, Store, Recall  System Commands: Identification, Pause -RS-232 Only: Change Baud -Ethernet Only: Disconnect, Close, Message, Clear
RF Connector	F female
Operating Temperature Range	0°C to +50°C

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Physical Size

See outline drawing 092-6566



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/07/2010		CLK 07/07/2010				