SPECIFICATION SHEET
JFW MODEL 50PA-982
HANDOVER TEST SYSTEM

Frequency Range	500-6000 MHz
Configuration	6 x 8 Handover System (see block diagram 092-8473 for attenuator addressing) (all ports are bi-directional) (full fan-out configuration) (the ADMIN password is located on rear panel)
Enclosure Type	19 inch rack mount @ 10RU high
Impedance	50 Ohms nominal
Attenuation Range	0-95 dB in 1 dB steps
Startup/Default States (configurable)	Maximum attenuation (see ATTEN STARTUP command) DHCP enabled (see NET command) 4 Ethernet users (see NET USERS command) Prompts off (see PROMPT command) All of these default settings can be changed by user. Unit can be configured for up to 12 Ethernet users.
VSWR	1.7:1 maximum < 1.5:1 typical
Insertion Loss	41 dB maximum 31 dB typical @ 500 MHz 40 dB typical @ 6000 MHz
Attenuation Accuracy	± 0.50 dB 1-3 dB ± 0.75 dB 4-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 4% 12-95 dB (whichever is greater) (guaranteed monotonic)
Isolation	50 dB minimum (Input to Input) 50 dB minimum (Output to Output)
RF Input Power	+30 dBm average
Switching Speed	1 microsecond typical (after command received and processed) (3 milliseconds typical processing time)
Manual Control	20-Button Keypad and LCD display (IP Address configurable via keypad) (Net mask configurable via keypad) (Gateway configurable via keypad) (Baud rate configurable via keypad)
Remote Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115200 Baud)

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     JFW FORM E-7-F REV F

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HANDOVER TEST SYSTEM

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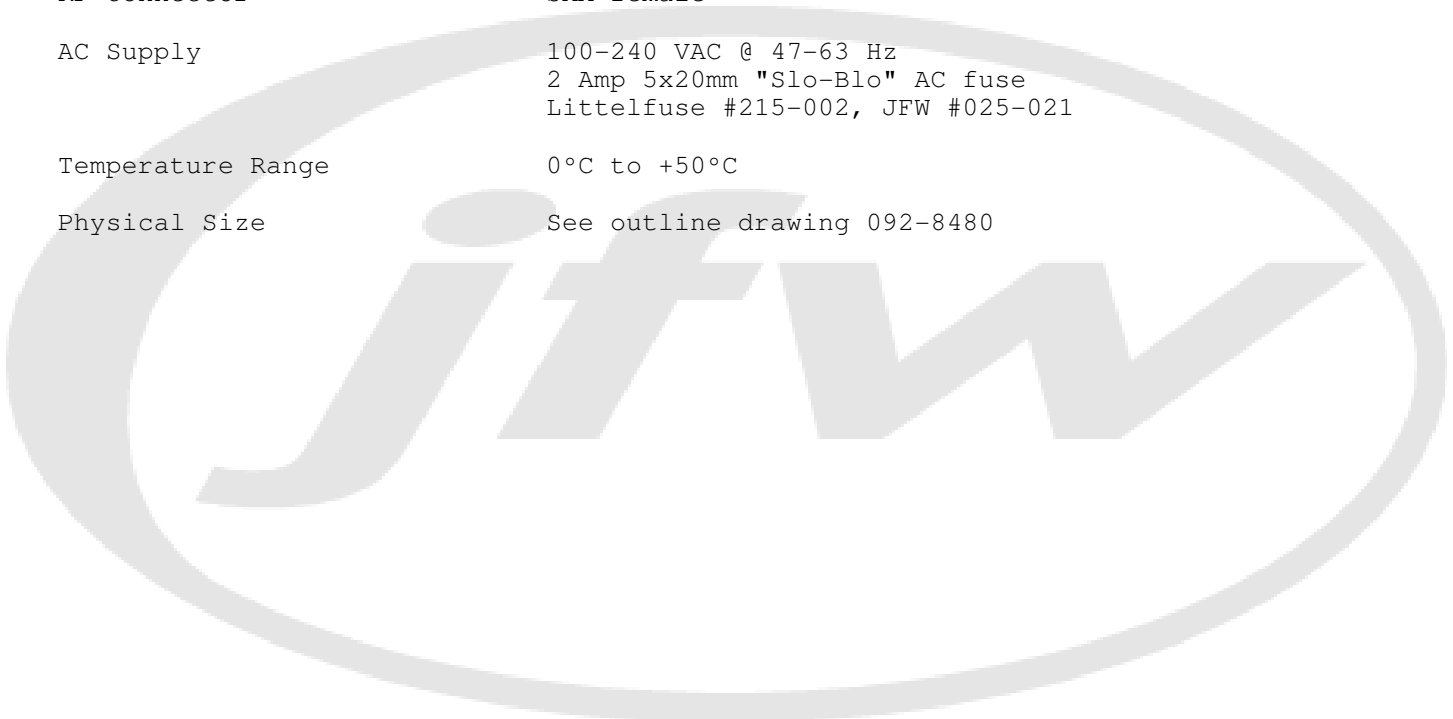|	
Remote Commands	Attenuator Control Commands: Atten, Set Path, Read Path, Read All Paths, Set Attenuator, Read Attenuator, Set All Attenuators, Read All Attenuators, Read All Extended, Fade Attenuator, Variable Attenuator Handover, Block, Set Block, Read Block, Read All Blocks, Fade Block, Variable Block Handover
	System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt
RF Connector	SMA female
AC Supply	100-240 VAC @ 47-63 Hz 2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse #215-002, JFW #025-021
Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-8480

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/18/2015		CLK 11/18/2015				