

SPECIFICATION SHEET
JFW MODEL 50PA-1022
HANDOVER TEST SYSTEM

JFW Industries, Inc.
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Frequency Range	20-1000 MHz
Configuration	6 x 6 Handover Test System (see block diagram 092-5931 for attenuator addressing) (all ports are bi-directional) (full fan-out i.e. every path has its own attenuator) (the ADMIN password is located on rear panel)
Enclosure Type	19 inch rack mount @ 4RU high
Impedance	50 Ohms nominal
Attenuation Range	0-63 dB in 1 dB steps
Startup/Default States (configurable)	Attenuators to 63dB at startup (see ATTEN command) DHCP enabled (see NET command) 4 Ethernet users (see NET 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	1.6:1 maximum 1.4:1 typical
Insertion Loss	30.0 dB maximum 28.5 dB typical @ 1000 MHz
Attenuation Accuracy	± 0.5 dB or 2.5% of programmed (whichever is greater)
Power Divider Isolation	25 dB minimum 28 dB typical
RF Input Power	+29 dBm
Switching Speed	1 microsecond typical (after command is 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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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

N, SMA or TNC female

AC Supply

100-240 VAC @ 47-63 Hz

Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-8699



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/07/2016		TRS 09/07/2016				