

SPECIFICATION SHEET
JFW MODEL 50PA-685
LC HANDOVER TEST SYSTEM

JFW Industries, Inc.
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Frequency Range	700-3000 MHz
Configuration	Dual 4 X 1 LC Handover Test System (See block diagram 092-7123) (all ports are bi-directional) (limited fan-out configuration) (the ADMIN password is located on rear panel)
Enclosure Type	19 inch rack mount @ 2RU high
Impedance	50 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Startup/Default States (configurable)	Attenuators to 127dB at startup (see ATTEN command) Maximum attenuation (see ATTEN 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	1.6:1 maximum
Attenuation Accuracy (guaranteed monotonic)	± 0.7 dB or 2% maximum ± 0.5 dB or 2% typical
Insertion Loss	17.2 dB maximum 15.6 dB typical @ 3000 MHz
Isolation	Between Attenuator Ports 1-4: 27 dB minimum Between Attenuator Ports 5-8: 27 dB minimum
RF Input Power	+20 dBm average (into Attenuator ports) +29 dBm average (into J1/J2 ports)
Switching Speed	5 microseconds 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 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 or N female

AC Supply

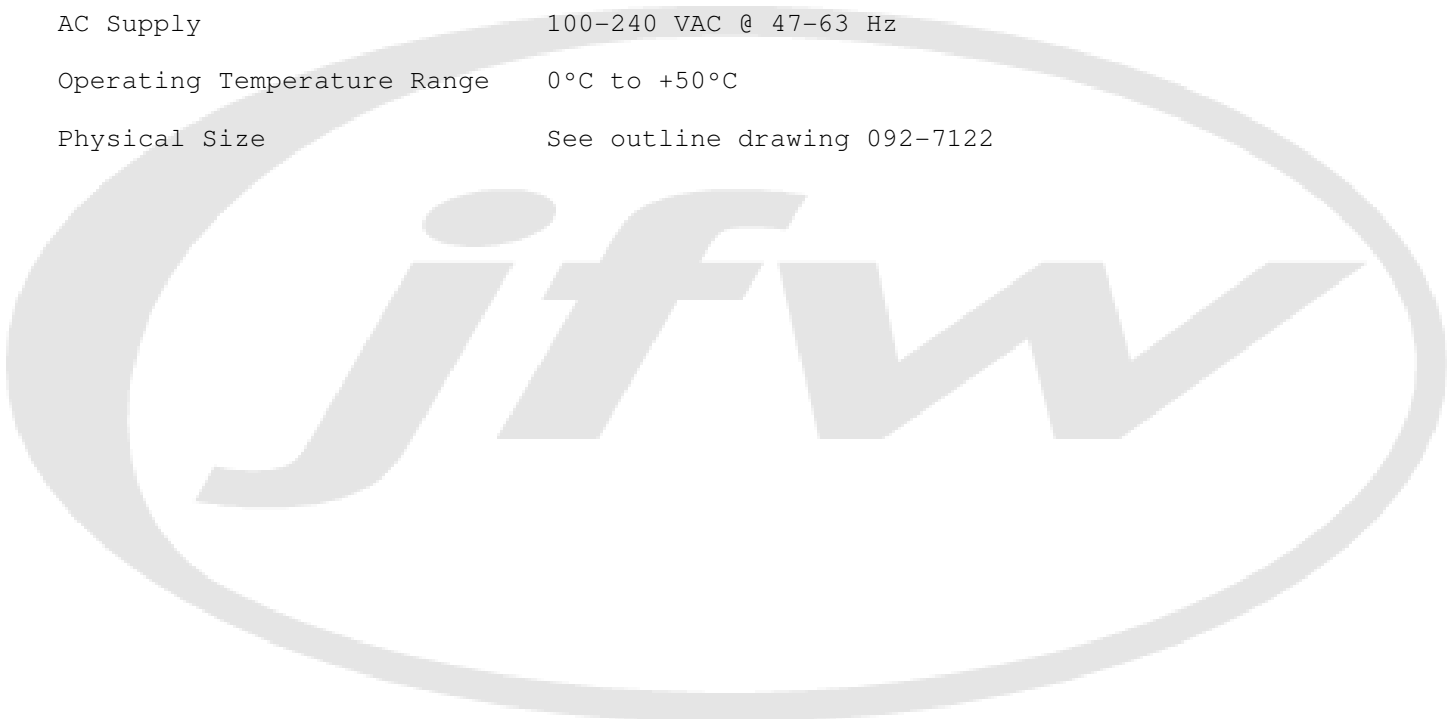
100-240 VAC @ 47-63 Hz

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-7122



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/27/2011		TRS 10/27/2011				
24239	09/19/2016	A	TRS 09/19/2016				