

SPECIFICATION SHEET
JFW MODEL 50PA-1089
HANDOVER TEST SYSTEM

JFW Industries, Inc.
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| | |
|--|---|
| Frequency Range | 698-3000 MHz |
| Configuration | 4 x 4 Handover Test System (See block diagram 092-5895 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 @ 3RU high |
| Impedance | 50 Ohms nominal |
| Attenuation Range | 0-127 dB in 1 dB steps |
| Startup/Default States (configurable) | Maximum attenuation (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 1.3:1 typical |
| Attenuation Accuracy | ± 0.5 dB 1-16 dB ± 0.8 dB or 3% 17-127 dB (whichever is greater) (guaranteed monotonic) |
| Insertion Loss | 29 dB maximum 27 dB typical |
| Power Divider Isolation | 20 dB minimum 25 dB typical |
| RF Input Power | 1 Watt average |
| Switching Speed | 4 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 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 or SMA female

AC Supply

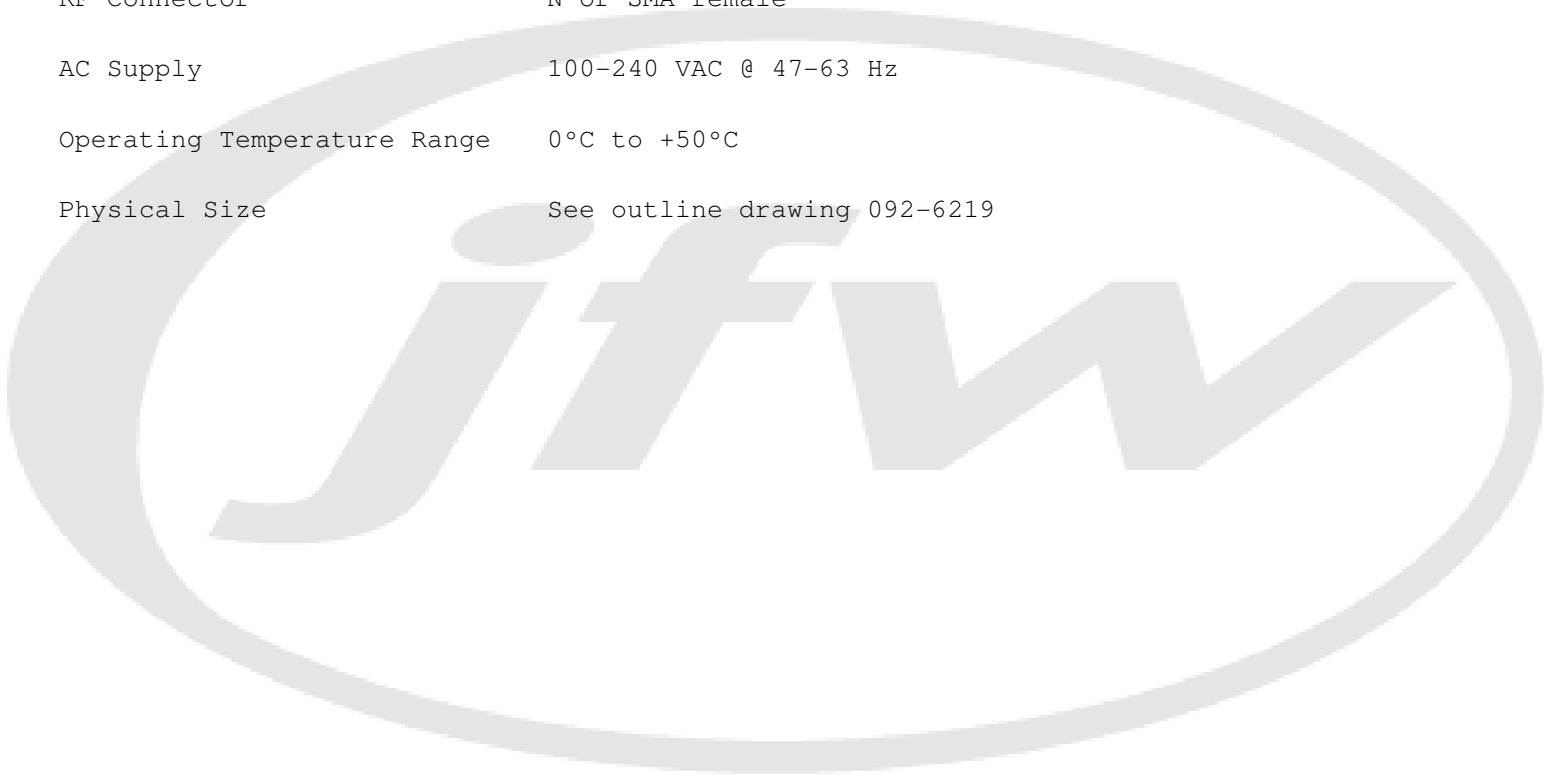
100-240 VAC @ 47-63 Hz

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-6219



| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
| | 04/10/2018 | | TRS 04/10/2018 | | | | |