

SPECIFICATION SHEET
JFW MODEL 50PA-836
HANDOVER TEST SYSTEM

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

Frequency Range 500-6000 MHz

Configuration 3 x 8 Handover System
(see block diagram 092-7833 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 @ 5RU 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)

VSWR 1.8:1 maximum

Insertion Loss 35 dB maximum

Attenuation Accuracy ± 0.50 dB 1-3 dB
± 1.00 dB 4-11 dB
± 1.25 dB or 4% 12-95 dB
(whichever is greater)
(guaranteed monotonic)

Isolation 54 dB minimum (Input to Input)
48 dB minimum (Output to Output)

RF Input Power +33 dBm average (Input Ports)
+30 dBm average (Output Ports)

Switching Speed 4 microseconds typical
(after command is received and processed)
(3 milliseconds typical processing time)

AC Supply 100-240 VAC @ 47-63 Hz
4 Amp 5x20mm "Slo-Blo" AC fuse
Littelfuse #215-004, JFW #025-018

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

SMA or N female

Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-7832



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/26/2013		TRS 09/26/2013				
24239	09/09/2014	A	TRS 09/09/2014				
28159	10/05/2017	B	CLK 10/05/2017				