

SPECIFICATION SHEET
JFW MODEL 50PA-539
HANDOVER TEST SYSTEM

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

Frequency Range 2-6 GHz

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 0-95 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

Attenuation Accuracy ± 0.50 dB 1-7 dB
± 1.00 dB 8-11 dB
± 1.25 dB or 4% 12-95 dB
(whichever is greater)
(guaranteed monotonic)

Insertion Loss 30.5 dB maximum
28.5 dB typical

Power Divider Isolation 20 dB minimum
25 dB typical

RF Input Power +30 dBm 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)

--CONTINUED--

SPECIFICATION SHEET
JFW MODEL 50PA-539
HANDOVER TEST SYSTEM

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

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
	01/20/2011		TRS 01/20/2011	28159	10/05/2017	C	CLK 10/05/2017
21288	02/22/2012	A	TRS 02/22/2012				
24239	06/04/2015	B	TRS 06/04/2015				