

SPECIFICATION SHEET
JFW MODEL 50PA-716
LC HANDOVER TEST SYSTEM

JFW Industries, Inc.
Phone: 317-887-1340
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Frequency Range	2-6 GHz
Configuration	8 X 2 LC Handover Test System (See block diagram 092-7337)
Enclosure Type	19 inch rack mount @ 2RU 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	1.6:1 maximum
Attenuation Accuracy (guaranteed monotonic)	± 0.50 dB 1-3 dB ± 0.75 dB 4-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 4% 12-95 dB (whichever is greater)
Insertion Loss	27 dB maximum 22 dB typical @ 2 GHz 25 dB typical @ 6 GHz
Isolation	28 dB minimum (Ant 1-8 to Ant 1-8) 18 dB minimum (J1 to J2)
RF Input Power	+20 dBm average +25 dBm (no damage)
Switching Speed	1 microsecond typical (after command is received & processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz 2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse#215-002, JFW#025-021
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

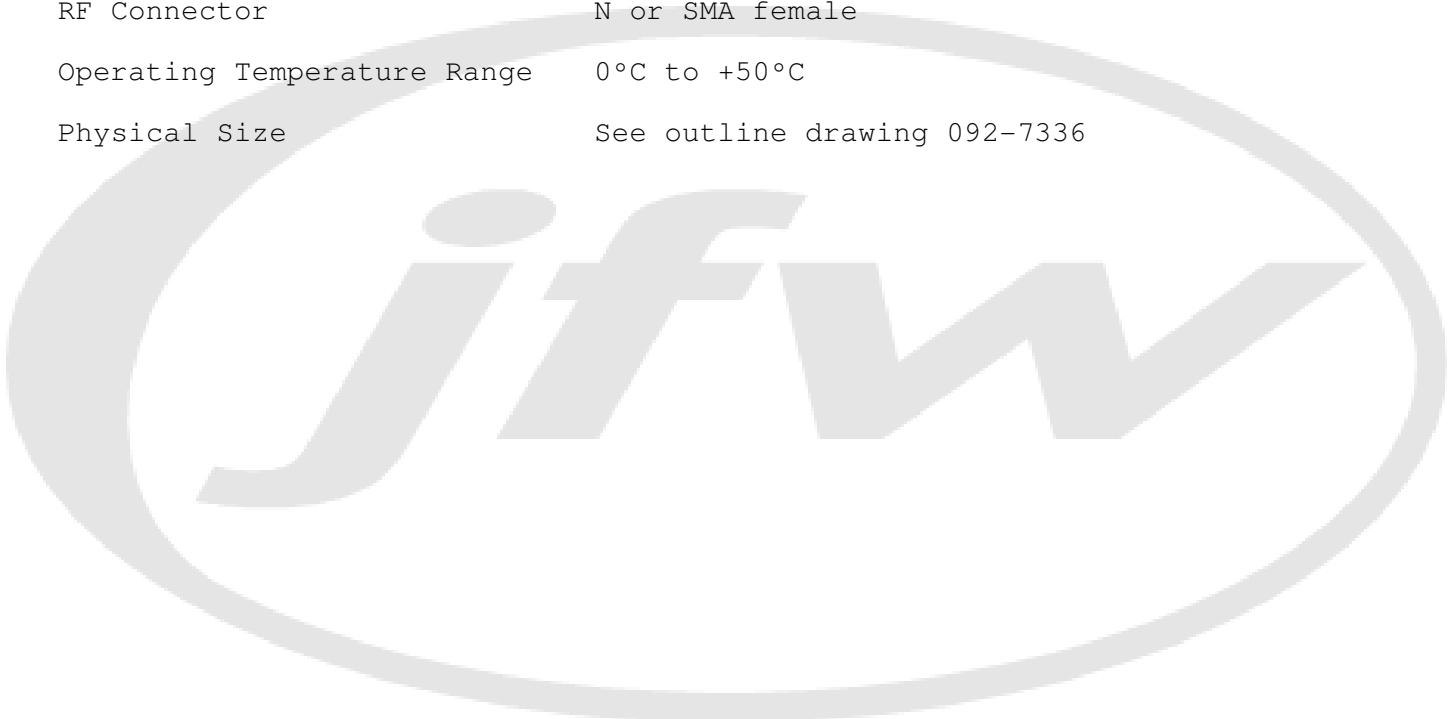
N or SMA female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-7336



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/26/2012		CLK 04/26/2012				
22684	03/27/2013	A	CLK 03/27/2013				
24239	07/03/2014	B	TRS 07/03/2014				