

SPECIFICATION SHEET
JFW MODEL 50PA-841
HANDOVER TEST SYSTEM

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

Frequency Range	500-6000 MHz
Configuration	4 x 16 Handover System (See Block Diagram 092-7871)
Enclosure Type	19 inch rack mount @ 10RU 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
Attenuation Accuracy (guaranteed monotonic)	± 0.50 dB 1-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 4% 12-63 dB (whichever is greater)
Insertion Loss	40 dB maximum 30 dB typical @ 500 MHz 37 dB typical @ 6000 MHz
Isolation	43 dB minimum (Input to Input) 55 dB minimum (Output to Output)
RF Input Power	+30 dBm average +36 dBm (no damage)
Switching Speed	1 microsecond typical (after command is received and 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
Remote Control	RS-232 (Up to 115200 Baud) Ethernet (DHCP, TCP, 10/100, up to 12 users)

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Remote Commands

Attenuator Control Commands:

Atten, Set Path, Read Path, Set Attenuator, Set Attenuator with Response, Read Attenuator, Set All Attenuators, Read All Attenuators, Set Multiple Attenuator, Fade Attenuator, Variable Handover, Store, Recall, Block, Set Block, Read Block, Read All Block, Fade Block, Variable Block Handover

System Commands:

Help, Identification, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, IDENT, Name, Reboot, Restrict, Show Users, Uptime, Prompt

RF Connector

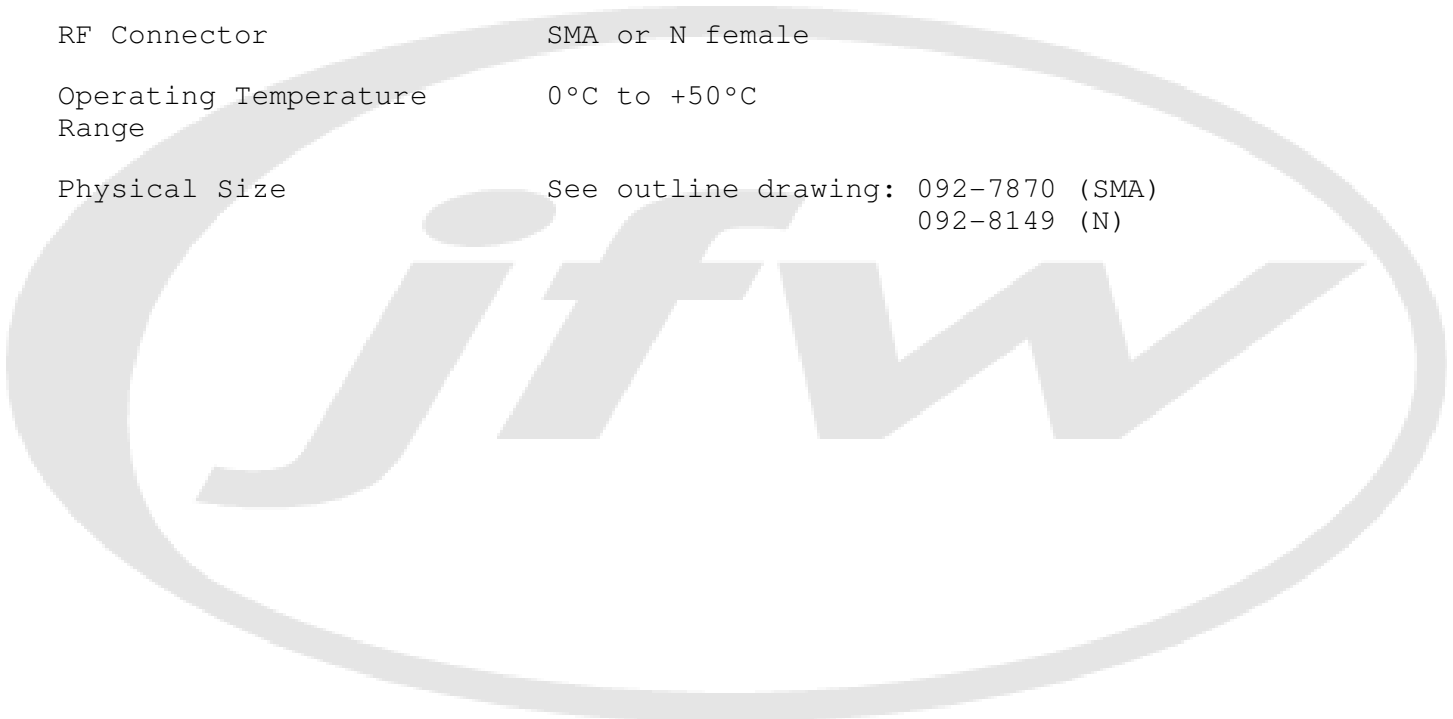
SMA or N female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing: 092-7870 (SMA)
 092-8149 (N)



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/14/2013		CLK 11/14/2013				
24239	10/28/2014	A	CLK 10/28/2014				
24670	11/04/2014	B	CLK 11/04/2014				