

**SPECIFICATION SHEET**  
**JFW MODEL 50PMA-082**  
**TRANSCEIVER TEST SYSTEM**

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

Frequency Range	800-2400 MHz
Configuration	6 Port Transceiver Test System (See block diagram 092-7697) (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	0-127 dB in 1 dB steps
Startup/Default States (configurable)	Attenuators to 127dB at startup (see ATTEN command) DHCP enabled (see NET command) 4 Ethernet users (see NET USERS 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	1.7:1 maximum 1.5:1 typical
Attenuation Accuracy	± 0.75 dB or 2% maximum ± 0.50 dB or 2% typical (whichever is greater) (guaranteed monotonic)
Insertion Loss	31.9 dB maximum 30.4 dB typical
Power Divider Isolation	23 dB minimum
RF Input Power	1 Watt average
Switching Speed	5 microseconds (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 50PMA-082**  
**TRANSCEIVER 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, SMA or TNC female

Operating Temperature Range

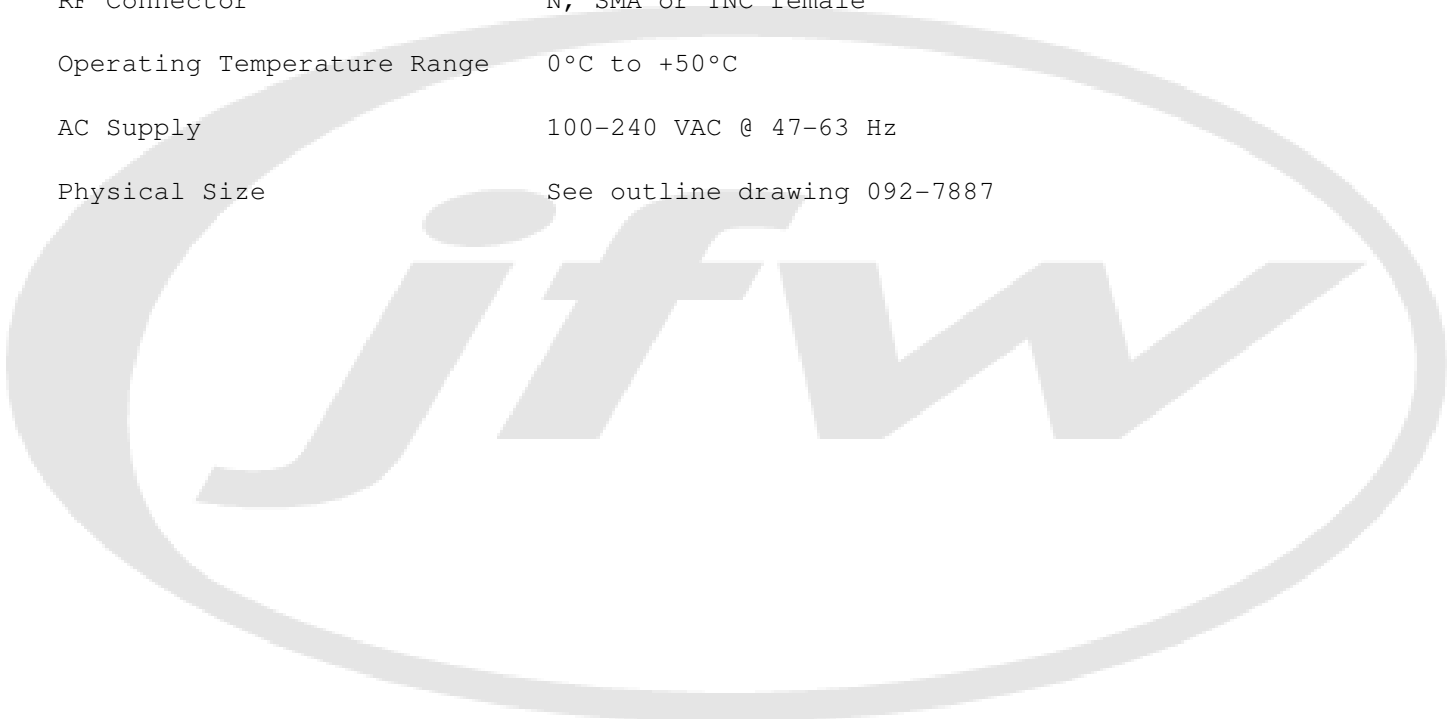
0°C to +50°C

AC Supply

100-240 VAC @ 47-63 Hz

Physical Size

See outline drawing 092-7887



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/17/2014		TRS 03/17/2014				
24239	01/08/2016	A	TRS 01/08/2016				