

**SPECIFICATION SHEET**  
**JFW MODEL 50PMA-075**  
**TRANSCEIVER TEST SYSTEM**

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

Frequency Range	2-6 GHz
Configuration	6 Port Transceiver Test System (See Block Diagram 092-7697)
Impedance	50 Ohms nominal
VSWR	1.8:1 maximum
Insertion Loss	38 dB maximum
Attenuation Range	0-95 dB in 1 dB steps
Attenuation Accuracy (guaranteed monotonic)	$\pm 0.50$ dB      1-7 dB $\pm 1.00$ dB      8-11 dB $\pm 1.25$ or 4%    12-95 dB (whichever is greater)
Power Divider Isolation	20 dB minimum (Port to Port same divider)
RF Input Power	+30 dBm average
Switching Speed	4 microseconds typical (after command is received & processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz 0.2 Amps @ 120 VAC nominal 0.1 Amps @ 120 VAC nominal
Remote Control	RS-232 (9600, 19200, or 38400 Baud) Ethernet (TCP, 10/100, up to 4 users)
Manual Control	20-button keypad and backlit LCD display

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Remote Commands

Attenuator Control Commands:  
 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

System Commands:  
 Identification, Pause  
 -RS-232 Only: Change Baud  
 -Ethernet Only: Disconnect, Close,  
 Message, Clear

RF Connector

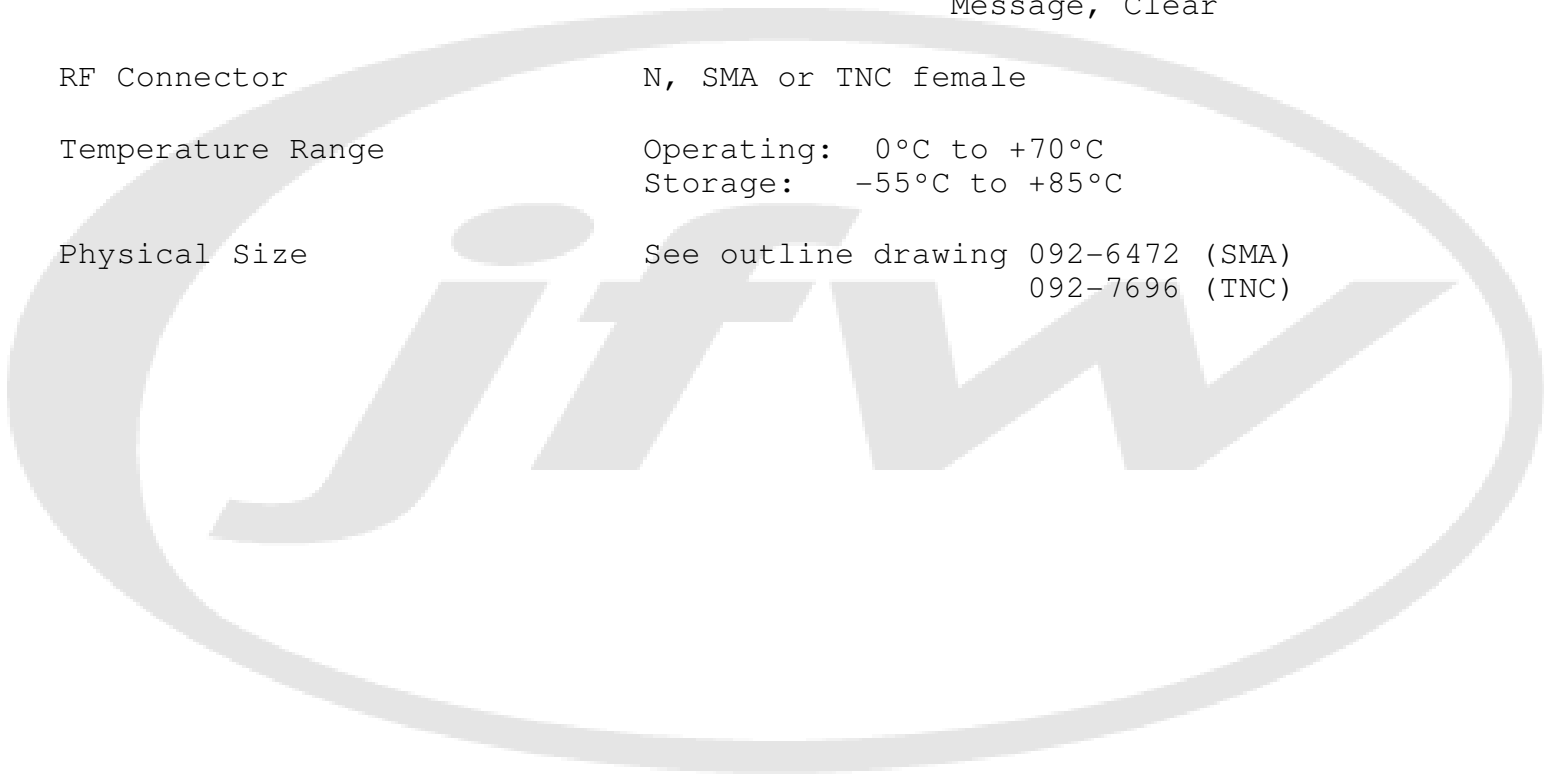
N, SMA or TNC female

Temperature Range

Operating: 0°C to +70°C  
 Storage: -55°C to +85°C

Physical Size

See outline drawing 092-6472 (SMA)  
 092-7696 (TNC)



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/01/2013		CLK 05/01/2013				
28159	10/05/2017	A	CLK 10/05/2017				