## 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  $\pm$  0.50 dB 1-7 dB(quaranteed monotonic) ± 1.00 dB 8-11 dB ± 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

4 microseconds typical Switching Speed

> (after command is received & processed) (3 milliseconds typical processing time)

RS-232 (9600, 19200, or 38400 Baud) Remote Control

Ethernet (TCP, 10/100, up to 4 users)

Manual Control 20-button keypad and backlit LCD display

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

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

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

AC Supply 100-240 VAC @ 47-63 Hz

0.2 Amps @ 120 VAC nominal
0.1 Amps @ 120 VAC nominal

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 # DA	ATE REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
05/0	01/2013	CLK 05/01/2013				
28159 10/0	05/2017 A	CLK 10/05/2017				

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