**SPECIFICATION SHEET**

**JFW MODEL 50PMA-075**

**TRANSCEIVER TEST SYSTEM**

JFW Industries, Inc.
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|---|---|
| Frequency Range | 2-6 GHz |
| Configuration | 6 Port Transceiver Test System<br>(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<br>(guaranteed monotonic) | ± 0.50 dB 1-7 dB<br>± 1.00 dB 8-11 dB<br>± 1.25 or 4% 12-95 dB<br>(whichever is greater) |
| Power Divider Isolation | 20 dB minimum<br>(Port to Port same divider) |
| RF Input Power | +20 dBm average |
| Switching Speed | 1 microsecond typical<br>(after command is received & processed)<br>(3 milliseconds typical processing time) |
| AC Supply | 100-240 VAC @ 47-63 Hz<br>0.2 Amps @ 120 VAC nominal<br>0.1 Amps @ 120 VAC nominal |
| Remote Control | RS-232 (9600, 19200, or 38400 Baud)<br>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:<br>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<br><br>System Commands:<br>Identification, Pause<br>-RS-232 Only: Change Baud<br>-Ethernet Only: Disconnect, Close, Message, Clear |
| RF Connector | N, SMA or TNC female |
| Temperature Range | Operating: 0°C to +70°C<br>Storage: -55°C to +85°C |
| Physical Size | See outline drawing 092-6472 (SMA)<br>092-7696 (TNC) |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
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| | 05/01/2013 | | CLK 05/01/2013 | | | | |