

SPECIFICATION SHEET
JFW MODEL 50PA-411
LC HANDOVER TEST SYSTEM

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

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| Frequency Range | 800-6000 MHz |
| Configuration | 16 x 3 LC Handover Test System (See block diagram 092-5270) |
| Impedance | 50 Ohms nominal |
| Attenuation Range | 0-63 dB in 1 dB steps |
| Attenuation Steps | 1, 2, 4, 8, 16 and 32 dB |
| VSWR | 1.75:1 maximum 1.5:1 typical |
| Attenuation Accuracy (guaranteed monotonic) | 1-14 dB ± 0.8 dB 15-63 dB ± 1.0 dB or 4% |
| Insertion Loss | ANT1-ANT8 to J1 and ANT9-ANT16 to J3: 34 dB maximum 27 dB typical @ 800 MHz 32 dB typical @ 6000 MHz ANT1-ANT16 to J2: 38 dB maximum 31 dB typical @ 800 MHz 36 dB typical @ 6000 MHz |
| Power Divider Isolation | 20 dB minimum |
| RF Input Power | +20 dBm average |
| Switching Speed | 1 microsecond typical (after command is received and processed) (3 milliseconds typical processing time) |
| AC Supply | 100-240 VAC @ 47-63 Hz |
| Manual Control | Keypad and LCD display |
| Remote Control | Ethernet (10/100) and RS-232 |
| Baud Rates (RS-232 mode) | 9600, 19200, or 38400 Baud |

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|-----------------------------|---|
| Remote Commands | Pause (PAUSEx) |
| | Variable Handover (VHND Av Aw Vx Vy Tz) |
| | Feedback Handover (FHND Av Aw Vx Vy Tz) |
| | Fade Attenuator (FAx y z t) |
| | Feedback Fade (FFAx y z t) |
| | Set Attenuator (SAx y) |
| | Read Attenuator (RAx) |
| | Change Baud Rate (CBx) |
| | Identification (IDN) |
| RF Connector | SMA or N female |
| Operating Temperature Range | 0°C to +50°C |
| Physical Size | See outline drawing 092-5624 |



| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
| | 04/30/2008 | | TRS 04/30/2008 | | | | |
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