

SPECIFICATION SHEET

JFW MODEL 50PA-521

BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY

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

| | |
|--|---|
| Frequency Range | 200-6000 MHz |
| Configuration | Eight individually controlled solid-state programmable attenuators |
| Impedance | 50 Ohms nominal |
| Attenuation Range | 0-95 dB in 1 dB steps |
| VSWR | 2.0:1 maximum |
| Attenuation Accuracy (guaranteed monotonic) | ± 0.50 dB 1-3 dB ± 0.75 dB 4-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 4% 12-95 dB (whichever is greater) |
| Insertion Loss | 8.0 dB typical |
| RF Input Power | +20 dBm average +25 dBm (no damage) |
| 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 | 20-Button Keypad and LCD display |
| Remote Control | RS-232 (9600, 19200, or 38400 Baud) Ethernet (TCP, 10/100, up to 4 users) |
| Remote Commands | Attenuator Control Commands: 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 |

--CONTINUED--

SPECIFICATION SHEET

JFW MODEL 50PA-521

BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY

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

RF Connector SMA female
Operating Temperature Range 0°C to +50°C
Physical Size See outline drawing 092-5988 (SMA)



| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
| | 12/09/2009 | | TRS 12/09/2009 | | | | |
| 18204 | 01/27/2010 | A | CLK 01/27/2010 | | | | |