

SPECIFICATION SHEET

JFW MODEL 75PA-076

PROGRAMMABLE ATTENUATOR ASSEMBLY

JFW Industries, Inc.
Phone: 317-887-1340
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| | |
|---|---|
| Frequency Range | DC-2150 MHz |
| Configuration | Two individually controlled electro-mechanical programmable attenuators |
| Impedance | 75 Ohms nominal |
| Attenuation Range | 0-63 dB in 1 dB steps |
| Startup/Default States (configurable) | RF switches off at startup (see SWITCH command) Attenuators to 64dB at startup (see ATTEN command) Maximum attenuation (see ATTEN command) DHCP enabled (see NET command) 4 Ethernet users (see NET USERS command) Prompts off (see PROMPT command) All of these default settings can be changed by user. Unit can be configured for up to 12 Ethernet users |
| VSWR | 1.6:1 maximum |
| Attenuation Accuracy (guaranteed monotonic) | 1-31 dB ± 0.6 dB or 3% 32-63 dB ± 4% (whichever is greater) |
| Insertion Loss | 1.25 dB typical @ 1000MHz 2.25 dB typical @ 2150MHz 2.75 dB maximum DC-2150MHz |
| RF Input Power | +27 dBm average |
| Switching Speed | 6 milliseconds 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 (IP Address configurable via keypad) (Net mask configurable via keypad) (Gateway configurable via keypad) (Baud rate configurable via keypad) |
| Remote Control | Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (Up to 115200 Baud) |

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Remote Commands

Attenuator Control Commands:

Atten, Set Attenuator, Read Attenuator, Set All Attenuators, Read All Attenuators, Read All Extended, Fade Attenuator, Variable Attenuator Handover, Block, Set Block, Read Block, Read All Blocks, Fade Block, Variable Block Handover

System Commands:

Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt

RF Connector

F female

Operating Temperature Range

0°C to +50°C

Physical Size

See outline drawing 092-7915



| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
| | 01/27/2014 | | BAC 01/27/2014 | | | | |
| 25583 | 07/27/2015 | A | BAC 07/27/2015 | | | | |