

**SPECIFICATION SHEET**

**JFW MODEL 50SA-371**

**SWITCH ASSEMBLY**

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|                                       |  |
|---------------------------------------|--|
| Frequency Range                       | DC-18 GHz  |
| Configuration                         | 2 individually controlled 1P6T normally open reflective 1P6T RF switches   |
| Enclosure Type                        | 19 inch rack mount @ 2RU high  |
| Startup/Default States (configurable) | RF switches off at startup (see SWITCH command)<br>DHCP enabled (see NET command)<br>4 Ethernet users (see NET command)<br>Prompts off (see PROMPT command)                                |
| Impedance                             | 50 Ohms nominal  |
| VSWR                                  | 1.2:1 maximum DC-4 GHz<br>1.3:1 maximum 4-8 GHz<br>1.4:1 maximum 8-12 GHz<br>1.5:1 maximum 12-18 GHz   |
| Insertion Loss                        | 0.2 dB maximum DC-4 GHz<br>0.3 dB maximum 4-8 GHz<br>0.4 dB maximum 8-12 GHz<br>0.5 dB maximum 12-18 GHz   |
| Isolation                             | 70 dB minimum DC-4 GHz<br>65 dB minimum 4-8 GHz<br>60 dB minimum 8-12 GHz<br>60 dB minimum 12-18 GHz   |
| RF Input Power                        | 50 Watts average (Cold-switched)<br>1 Watt average (Hot-Switched)  |
| Switching Speed                       | 20 milliseconds typical<br>(after command is received and processed)<br>(3 milliseconds typical processing time)   |
| Manual Control                        | 20-Button Keypad and LCD display<br>(IP Address configurable via keypad)<br>(Net mask configurable via keypad)<br>(Gateway configurable via keypad)<br>(Baud rate configurable via keypad) |
| Control                               | Ethernet (DHCP, TCP/IP, 10/100, up to 12 users)<br>RS-232 (up to 115200 Baud)  |

**--CONTINUED--**

