

SPECIFICATION SHEET

JFW MODEL 50SA-251

SWITCH ASSEMBLY

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| | |
|--------------------------------|--|
| Frequency Range | DC-18 GHz |
| Configuration | One normally open reflective 1P6T electromechanical RF switch |
| Impedance | 50 Ohms nominal |
| VSWR | 1.2:1 maximum DC-4GHz 1.3:1 maximum 4-8GHz 1.4:1 maximum 8-12GHz 1.5:1 maximum 12-18GHz |
| Insertion Loss | 0.2 dB maximum DC-4GHz 0.3 dB maximum 4-8GHz 0.4 dB maximum 8-12GHz 0.5 dB maximum 12-18GHz |
| Isolation | 70 dB minimum DC-4GHz 65 dB minimum 4-8GHz 60 dB minimum 8-12GHz 60 dB minimum 12-18GHz |
| RF Input Power (Cold-switched) | 400 Watts average DC-200MHz 300 Watts average 200-500MHz 200 Watts average 500-1000MHz 100 Watts average 1-4GHz 90 Watts average 4-8GHz 70 Watts average 8-12GHz 60 Watts average 12-18GHz |
| Switching Speed | 20 milliseconds typical (after command is received & processed) (5 millisecond typical processing time) |
| Remote Control | GPIB |
| AC Supply | 100-240 VAC @ 47-63 Hz |
| RF Connectors | SMA female (located on front panel) |
| Operating Temperature Range | 0°C to +50°C |
| Physical Size | See outline drawing 092-6484 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
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