

SPECIFICATION SHEET

JFW MODEL 50S-2000

1P2T SELF TERMINATING SOLID STATE RF SWITCH

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|-----------------------------|--|
| Frequency Range | 20-6000 MHz |
| Configuration | 1P2T Self Terminating |
| Impedance | 50 Ohms nominal |
| VSWR | 1.25:1 typical 20-2000MHz 1.50:1 typical 2000-6000MHz 1.80:1 maximum 20-6000MHz |
| Insertion Loss | 1.25 dB typical 20-2000 MHz 1.75 dB typical 2000-6000 MHz 2.50 dB maximum 20-6000 MHz |
| Isolation | 75 dB typical 20-2000 MHz 70 dB typical 2000-4000 MHz 65 dB typical 4000-6000 MHz 55 dB minimum 20-6000 MHz |
| Switching Speed | 10 microseconds maximum 5 microseconds typical (OFF-ON) 2 microseconds typical (ON-OFF) (50% TTL to 10% or 90% RF) |
| RF Input Power | +26 dBm average (Hot Switchable) |
| Control | USB control JFW control software included but .dll file and sample code available upon request for self integration into user applications. JFW control software requires Microsoft .NET framework 4.5 |
| DC Supply | +5 Vdc @ 10 mA nominal |
| DC Connector | USB MINI-B 6' MINI-B Male to A Male Cable included |
| RF Connector | SMA female |
| Operating Temperature Range | -40°C to +85°C |
| Storage Temperature Range | -55°C to +90°C |
| Physical Size | See outline drawing 092-8115 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
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| | 10/07/2014 | | CLK 10/07/2014 | | | | |