

SPECIFICATION SHEET**JFW MODEL 50S-2000****1P2T SELF TERMINATING SOLID STATE RF SWITCH**

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

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)
RF Input Power	+26 dBm average (Hot Switchable)
Test Software (Microsoft .NET 4.0+) (Windows Vista or greater)	The included JFW software allows control of multiple USB devices. JFW managed library available for development in user made applications.
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
	10/07/2014		CLK 10/07/2014				
29668	07/22/2019	A	CLK 07/22/2019				