

**SPECIFICATION SHEET**

**JFW MODEL 50S-964**

**1P8T SELF TERMINATING SOLID STATE RF SWITCH**

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

Frequency Range	800-2200 MHz
Configuration	1P8T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum
Insertion Loss	3 dB maximum 800-1000 MHz 4 dB maximum 1000-2200 MHz
Isolation	50 dB minimum
Switching Speed	10 microseconds
RF Input Power	+20 dBm
Control Logic (4 Lines)	TTL OFF ports are internally terminated into 50 Ohms
DC Supply	+ 5 Vdc @ 400 mA - 5 Vdc @ 400 mA
DC Connector	3M #3793-5303
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-2543

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	01/05/2000			9999	01/13/2003	C	TRS 09/18/2007
2442	07/31/2000	A					
2987	05/08/2002	B					