

**SPECIFICATION SHEET**  
**JFW MODEL 50S-960**  
**1P12T SOLID STATE RF SWITCH**

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

Frequency Range	800-2200 MHz
Configuration	1P12T
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	3.0 dB nominal 800-1500 MHz 4.5 dB nominal 1500-2200 MHz
Isolation	50 dB minimum
Switching Speed	10 microseconds
RF Input Power	+20 dBm
Control Logic (4 Lines)	TTL per 092-2531
DC Supply	+5 Vdc @ 200 mA maximum -5 Vdc @ 500 mA maximum
DC Connector	3M #3793-5303
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-2531

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	01/22/1997			2688	05/16/2001	C	
742	06/05/1997	A		2986	05/08/2002	D	
2151	07/15/1999	B		9999	01/08/2003	E	BAC 03/31/2003