

**SPECIFICATION SHEET**  
**JFW MODEL 50S-1524**  
**1P6T SOLID STATE RF SWITCH**

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

Frequency Range	100-500 MHz
Configuration	1P6T
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum
Insertion Loss	0.75 dB maximum
Isolation	50 dB minimum
Switching Speed	40 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	100 Watts average Cold switch 500 Watts peak (1usec)  20 Watts average Hot switch
Control Logic (3 Lines)	TTL per 092-5237
DC Supply	+15 Vdc @ 750 mA nominal and +5 Vdc @ 150 mA nominal
RF Connector	SMA, TNC or N female
DC Connector	Solder terminals
Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-55°C to +85°C
Physical Size	See outline drawing 092-5237

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/30/2006		BAC 10/30/2006				