

SPECIFICATION SHEET**JFW MODEL 50S-1721****1P4T SELF TERMINATING SOLID STATE RF SWITCH**

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

Frequency Range	0.5-18 GHz
Configuration	1P4T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.4:1 typical 0.5-4GHz 1.6:1 typical 4-18GHz 2.0:1 maximum 0.5-18GHz
Insertion Loss	2.0 dB typical 0.5-8GHz 3.0 dB typical 8-18GHz 3.8 dB maximum 0.5-18GHz
Isolation	95 dB typical 0.5-8GHz 90 dB typical 8-18GHz 60 dB minimum 0.5-18GHz
Switching Speed (50% TTL to 10% or 90% RF)	200 nanoseconds maximum 100 nanoseconds typical
RF Input Power	+20 dBm maximum
Control Logic (2 Lines)	Binary Coded TTL per 092-7151 TTL "Low" is (0-0.8V) TTL "High" is (2.0-5.0V)
DC Supplies	+5 Vdc @ 200 mA nominal and -5 Vdc @ 100 mA nominal
DC Connector	Solder Terminals
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-55°C to +90°C
Physical Size	See outline drawing 092-7151

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/22/2012		BAC 02/22/2012				