

**SPECIFICATION SHEET**  
**JFW MODEL 50S-1191**  
**1P2T SOLID STATE RF SWITCH**

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

Frequency Range	800-2000 MHz
Configuration	1P2T
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum
Insertion Loss	0.4 dB typical 800-1000 MHz 0.6 dB maximum 800-1000 MHz 0.75 dB typical 1000-2000 MHz 0.9 dB maximum 1000-2000 MHz
Isolation	45 dB typical 800-1000 MHz 40 dB minimum 800-1000 MHz 40 dB typical 1000-2000 MHz 38 dB minimum 1000-2000 MHz
Switching Speed	80 microseconds (50% TTL to 10% or 90% RF)
RF Input Power *	100 Watts average (Cold Switch) 200 Watts peak (1 uSec pulse) 10 Watts average (Hot Switch)
Control Logic (1 Line)	TTL Low for Common to J1 TTL High for Common to J2
DC Supply	+15 Vdc @ 325 mA nominal +5 Vdc @ 40 mA nominal
RF Connector	SMA, N or TNC female
Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-55°C to +85°C
Physical Size	See outline drawing 092-3022

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	04/04/2001						
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