

SPECIFICATION SHEET

JFW MODEL 50S-1954

1P2T SELF TERMINATING SOLID STATE RF SWITCH

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

Frequency Range	0.5-2000 MHz
Configuration	1P2T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum
Insertion Loss	1.8 dB maximum 1.1 dB typical @ 0.5 MHz 1.4 dB typical @ 2000 MHz
Isolation	60 dB minimum 80 dB typical @ 500 MHz 70 dB typical @ 2000 MHz
Switching Speed	25 microseconds maximum (50% TTL to 10% or 90% RF)
RF Input Power	+26 dBm average (Hot Switchable)
Control Logic (1 Line)	TTL "Low" (0-0.8 Vdc) for COM to J1 and J2 Terminated TTL "High" (2.0-5.0 Vdc) for COM to J2 and J1 terminated
DC Supply	+5 Vdc @ 10 mA nominal
DC Connector	4 Pin (MOLEX #22-11-2042) Mating Connector: (MOLEX #22-01-3047)
RF Connector	SMA female
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +90°C
Physical Size	See outline drawing 092-6533

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