

SPECIFICATION SHEET

**JFW MODEL 50S-1352
1P2T SOLID STATE RF SWITCH**

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Frequency Range	800-2500 MHz
Configuration	1P2T
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum 800-1000MHz 1.4:1 maximum 1000-2500MHz
Insertion Loss	0.4 dB typical 800-1000MHz 0.5 dB maximum 800-1000MHz 0.6 dB typical 1000-2000MHz 0.7 dB maximum 1000-2000MHz 0.7 dB typical 2000-2500MHz 0.9 dB maximum 2000-2500MHz
Isolation	50 dB typical 800-1000MHz 45 dB minimum 800-1000MHz 40 dB typical 1000-2500MHz 36 dB minimum 1000-2500MHz
Switching Speed	10 microseconds (50% TTL to 10% or 90% RF) 10 microseconds (50% TTL to I.L.) 30 microseconds (50% TTL to Full Isolation)
RF Input Power	50 Watts average (Hot Switchable) 200 Watts peak (1usec pulse)
Control Logic (1 Line)	TTL Low for Common to J1 TTL High for Common to J2
DC Supply	+15Vdc @ 325 mA +5Vdc @ 40 mA
DC Connector	Solder Terminals
RF Connector	SMA, TNC or N female
Operating Temperature Range	-20° to +70° C
Physical Size	See outline drawing 092-3022

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