

SPECIFICATION SHEET
JFW MODEL 50S-1505
1P2T SOLID STATE RF SWITCH

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Frequency Range	20-2500 MHz
Configuration	1P2T
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum
Insertion Loss	0.3 dB typical 20-1000MHz 0.7 dB maximum 20-1000MHz 0.5 dB typical 1000-2000MHz 1.0 dB maximum 1000-2000MHz 1.0 dB typical 2000-2500MHz 1.5 dB maximum 2000-2500MHz
Isolation	50 dB typical 20-1000MHz 45 dB minimum 20-1000MHz 40 dB typical 1000-2500MHz 35 dB minimum 1000-2500MHz
Switching Speed	10 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	25 Watts average 200 Watts peak (1usec pulse)
Control Logic (1 Line)	TTL Low for Common to J1 TTL High for Common to J2
DC Supply	+12Vdc to +15Vdc @ 325 mA nominal +5Vdc @ 40 mA nominal
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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