

SPECIFICATION SHEET
JFW MODEL 50S-1256
1P4T SOLID STATE RF SWITCH

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Frequency Range	30-512 MHz
Configuration	1P4T Reflective
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum
Insertion Loss	0.55 dB maximum
Isolation	50 dB minimum
Switching Speed	60 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	125 Watts average (Cold switch) 500 Watts peak (1usec pulse) 20 Watts average (Hot switch)
Control Logic (4 Lines)	TTL "High" on control line corresponding to port desired. TTL "Low" on remaining three ports.
DC Supply	+15 Vdc @ 550 mA nominal +5 Vdc @ 100 mA nominal
RF Connector	SMA, TNC or N female
DC Connector	Solder Terminals
Operating Temperature Range	-40°C to +125°C
Storage Temperature Range	-55°C to +125°C
Physical Size	See outline drawing 092-3948

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