

SPECIFICATION SHEET

JFW MODEL 50S-1873

1P2T REFLECTIVE SOLID STATE RF SWITCH

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Frequency Range	800-2200 MHz
Configuration	1P2T Reflective
Impedance	50 Ohms nominal
VSWR	1.30:1 typical 1.50:1 maximum
Insertion Loss	0.70 dB typical 0.90 dB maximum
Isolation	55 dB typical 45 dB minimum
Switching Speed	12 microseconds maximum 10 microseconds typical (50% TTL to 10% or 90% RF)
RF Input Power	15 Watts average (Cold switch) 15 Watts average (Hot switch)
Control (1 line)	TTL "Low" (0-0.8Vdc) Common to J1 TTL "High" (2.0-5.0Vdc) Common to J2
DC Supply	+28 Vdc @ 35 mA nominal and +5 Vdc @ 40 mA nominal
RF Connector	SMA female
Operating Temperature Range	-20°C to +75°C
Storage Temperature Range	-55°C to +85°C
Weight	1.3oz
Physical Size	See outline drawing 092-6346

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