

SPECIFICATION SHEET**JFW MODEL 50S-1554****1P2T REFLECTIVE SOLID STATE RF SWITCH**

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

Frequency Range	20-500 MHz
Configuration	1P2T Reflective
Impedance	50 Ohms nominal
VSWR	1.2:1 typical / 1.4:1 maximum
Insertion Loss	0.35 dB typical / 0.5 dB maximum
Isolation	55dB typical / 50 dB minimum
Switching Speed	40 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	150 Watts average (Hot switch)*
Control (1 line)	TTL "Low" (0-0.8V) Common to J1 TTL "High" (2.0-5.0V) Common to J2 TTL Current ± 1.3 mA maximum
DC Supply	+15 Vdc @ 250 mA nominal and +5 Vdc @ 40 mA nominal
RF Connector	SMA, TNC or N female
Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-55°C to +85°C
Physical Size	See outline drawing 092-5245 (SMA) 092-3022 (N)

* If switch rate exceeds 1000 cycles per second, external heatsinking will be required to maintain a maximum case temperature of +70°C.

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