

**SPECIFICATION SHEET****JFW MODEL 75S-385****1P2T SELF TERMINATING SOLID STATE RF SWITCH**

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

Frequency Range	5-1000 MHz
Configuration	1P2T Self Terminating
Impedance	75 Ohms nominal
VSWR	1.25:1 typical / 1.40:1 maximum
Insertion Loss	1.5 dB typical / 2.0 dB maximum
Isolation	90 dB typical / 75 dB minimum
Switching Speed	10 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	+10 dBm 5-100MHz +20 dBm 100-1000MHz
Control Logic (2 Lines)	TTL "High" (2.0-5.0V) for ON TTL "Low" (0-0.8V) for OFF and internally terminated in 75 Ohms  (Only one line High at a time) (Both lines can be low for both ports off)
DC Supply	+12 Vdc @ 75 mA nominal
DC Connector	DE-9P
RF Connector	BNC or F female
Operating Temperature Range	0° C to +70° C
Storage Temperature	-55° C to +90° C
Physical Size	See outline drawing 092-6903

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/08/2017		BAC 09/08/2017				