

**SPECIFICATION SHEET**  
**JFW MODEL 75S-225**  
**1P4T SOLID STATE RF SWITCH**

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Frequency Range	5-1000 MHz
Configuration	1P4T
Impedance	75 Ohms nominal
VSWR	1.2:1 maximum
Insertion Loss	2.25 dB maximum
Isolation	60 dB minimum
Switching Speed	10 microseconds
RF Input Power	+20 dBm (1 dB compression) +30 dBm (no damage)
Control Logic (4 Lines)	C1 TTL High for J1 to J5 C2 TTL High for J2 to J5 C3 TTL High for J3 to J5 C4 TTL High for J4 to J5 (Control Lines for unused ports must be TTL Low)
DC Supply	+24 Vdc @ 50 mA nominal
DC Connector	9 Pin D-sub (DE-9P)
RF Connector	BNC or F female
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-20°C to +85°C
Physical Size	See outline drawing 092-2850

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/04/1998			2687	05/15/2001	C	
2450	08/15/2000	A		9999	04/15/2003	D	BAC 07/28/2003
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