

SPECIFICATION SHEET

JFW MODEL 75S-225

1P4T REFLECTIVE SOLID STATE RF SWITCH

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Frequency Range 5-1000 MHz

Configuration 1P4T Reflective

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
2577	02/07/2001	B		12393	02/01/2006	E	SL 02/01/2006