

SPECIFICATION SHEET

JFW MODEL 50S-1221

1P5T SELF TERMINATING SOLID STATE RF SWITCH

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Frequency Range	20-4300 MHz
Configuration	1P5T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	2.00 dB maximum 20-1000 MHz 4.25 dB maximum 1000-4300 MHz
Isolation	75 dB minimum 20-1000 MHz 65 dB minimum 1000-2000 MHz 55 dB minimum 2000-4300 MHz
Switching Speed	10 microseconds
RF Input Power	+20 dBm average 20-100 MHz +30 dBm average 100-4300 MHz
Control Logic (5 Lines)	TTL High for ON [i.e. C1 High for J1-J6 (common)] TTL Low for OFF and internally terminated in 50 Ohms
DC Supply	+24 Vdc @ 150 mA +5 Vdc @ 50 mA
RF Connector	N or SMA female
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-55°C to +90°C
Physical Size	See outline drawing 092-3726

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/25/2001						
2856	12/04/2001	A					
9999	02/06/2003	B	BAC 03/09/2004				