

SPECIFICATION SHEET

JFW MODEL 50SA-251

SWITCH ASSEMBLY

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Frequency Range	DC-18 GHz
Configuration	One normally open reflective 1P6T electromechanical RF switch
Impedance	50 Ohms nominal
VSWR	1.2:1 maximum DC-4GHz
	1.3:1 maximum 4-8GHz
	1.4:1 maximum 8-12GHz
	1.5:1 maximum 12-18GHz
Insertion Loss	0.2 dB maximum DC-4GHz
	0.3 dB maximum 4-8GHz
	0.4 dB maximum 8-12GHz
	0.5 dB maximum 12-18GHz
Isolation	70 dB minimum DC-4GHz
	65 dB minimum 4-8GHz
	60 dB minimum 8-12GHz
	60 dB minimum 12-18GHz
RF Input Power (Cold-switched)	400 Watts average DC-200MHz
	300 Watts average 200-500MHz
	200 Watts average 500-1000MHz
	100 Watts average 1-4GHz
	90 Watts average 4-8GHz
	70 Watts average 8-12GHz
60 Watts average 12-18GHz	
Switching Speed	20 milliseconds typical (after command is received & processed) (5 millisecond typical processing time)
Remote Control	GPIB
AC Supply	100-240 VAC @ 47-63 Hz
RF Connectors	SMA female (located on front panel)
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-6484

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