

SPECIFICATION SHEET

JFW MODEL 50SA-251

SWITCH ASSEMBLY

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Frequency Range	DC-18 GHz
Configuration	One Normally Open 1P6T 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 and processed) (5 millisecond typical processing time)
Remote Control	GPIB
Remote Command Format	Set Switch SSx y Read Switch RSx? Identification *IDN?
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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	03/11/2010		CLK 03/11/2010				