

SPECIFICATION SHEET

JFW MODEL 50SA-232

SWITCH ASSEMBLY

JFW Industries, Inc.
Phone: 317-887-1340
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www.jfwindustries.com

Frequency Range	DC-18 GHz
Configuration	Two Independant Normally Open 1P6T RF Switches (Ethernet/RS-232 controlled)
Impedance	50 Ohms nominal
VSWR	1.2:1 maximum DC-4 GHz 1.3:1 maximum 4-8 GHz 1.4:1 maximum 8-12 GHz 1.5:1 maximum 12-18 GHz
Insertion Loss	0.2 dB maximum DC-4 GHz 0.3 dB maximum 4-8 GHz 0.4 dB maximum 8-12 GHz 0.5 dB maximum 12-18 GHz
Isolation	70 dB minimum DC-4 GHz 65 dB minimum 4-8 GHz 60 dB minimum 8-12 GHz 60 dB minimum 12-18 GHz
RF Input Power	50 Watts average (Cold-switched) 1 Watt average (Hot-Switched)
Switching Speed	20 milliseconds typical (after command is received and processed) (Typical processing time is 3msec.)
Control	Ethernet (10/100, TCP/IP, 3 users) RS-232 (9600,19200,38400baud, 1 user) (Selectable at startup via slide switch on back panel.)
Command Set	IDN<cr> Identify Command SSx y<cr> Set Switch Command RSx<cr> Read Switch Command x = sw address y = port
Manual Control	Via Keypad and display on front panel.
AC Supply	85-264VAC @ 47-63 Hz
Control Connectors	RJ-11 (Ethernet) DE-9P (RS-232)

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RF Connectors SMA female
Operating Temperature Range 0° to +65° C
Physical Size See outline drawing 092-6080



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/03/2009		BAC 02/03/2009				