

SPECIFICATION SHEET
JFW MODEL 75SA-053
SOLID-STATE SWITCH ASSEMBLY

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

Frequency Range	45-1003 MHz												
Configuration	1P80T Self Terminating												
Impedance	75 Ohms nominal												
VSWR	1.5:1 typical 1.7:1 maximum												
Insertion Loss	2.5 dB typical 45-500MHz 4.0 dB typical 500-1003MHz 5.0 dB maximum 45-1003MHz												
Isolation	65 dB typical 55 dB minimum												
RF Input Power	+20 dBm												
Switching Speed	50 microseconds (after receipt of command and processing time. Typical processing time is 3 milliseconds)												
Remote Control	Ethernet (TCP/IP, 10/100, 4 Users) and RS-232 Switchable												
Baud Rates (Selectable via command)	9600, 19200, 38400												
Remote Commands	<table><thead><tr><th>Command:</th><th>Format:</th></tr></thead><tbody><tr><td>-----</td><td>-----</td></tr><tr><td>Identify</td><td>ID<cr></td></tr><tr><td>Set Switch</td><td>SSx y<CR></td></tr><tr><td>Read Switch</td><td>RSx<CR></td></tr><tr><td>Change Baud</td><td>CBz<CR></td></tr></tbody></table>	Command:	Format:	-----	-----	Identify	ID<cr>	Set Switch	SSx y<CR>	Read Switch	RSx<CR>	Change Baud	CBz<CR>
Command:	Format:												
-----	-----												
Identify	ID<cr>												
Set Switch	SSx y<CR>												
Read Switch	RSx<CR>												
Change Baud	CBz<CR>												
	x = Switch Number (1) Y = Port Number (0-80) z = Baud Rate (9600, 19200, 38400) <CR> = Carriage Return												
AC Supply	85-264VAC @ 47-63 Hz												
RF Connector	F female												
Operating Temperature Range	0° to +50° C												

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Physical Size

See outline drawing 092-6644



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/14/2010		BAC 07/14/2010				