

**SPECIFICATION SHEET**

**JFW MODEL 75SA-042**

**SWITCH ASSEMBLY**

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Frequency Range	20-1000 MHz												
Configuration	1P16T Self Terminating												
Impedance	75 Ohms nominal												
VSWR	1.6:1 maximum												
Insertion Loss	2.5dB maximum												
Isolation	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	RS-232												
Baud Rates (Selectable via command)	9600, 19200, 38400												
Remote Commands	<table border="0"> <tr> <td>Command:</td> <td>Format:</td> </tr> <tr> <td>-----</td> <td>-----</td> </tr> <tr> <td>Identify</td> <td>ID&lt;cr&gt;</td> </tr> <tr> <td>Set Switch</td> <td>SSx y&lt;CR&gt;</td> </tr> <tr> <td>Read Switch</td> <td>RSx&lt;CR&gt;</td> </tr> <tr> <td>Change Baud</td> <td>CBz&lt;CR&gt;</td> </tr> </table> <p> x = Switch Number (1)  Y = Port Number (1-16)  z = Baud Rate (9600,19200,38400)  &lt;CR&gt; = Carriage Return </p>	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>												
AC Supply	85-264VAC @ 47-63 Hz												
RF Connector	F female												
Operating Temperature Range	0° to +50° C												
Physical Size	See outline drawing 092-6087												

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/12/2009		BAC 02/12/2009				
18044	12/28/2009	A	BAC 12/28/2009				