

**SPECIFICATION SHEET****JFW MODEL 50MS-232****MATRIX SWITCH**

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Frequency Range	DC-4000 MHz
Configuration*	12 x 4 Blocking Matrix (Unused Inputs/Outputs are Terminated in 50 Ohms) (See Block Diagram 092-5779)
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum DC-2000 MHz 1.7:1 maximum 2000-4000 MHz
Insertion Loss	2.5 dB maximum 2.1 dB typical @ 4000 MHz
Isolation	Input to Input: 70 dB minimum Input to Output: 70 dB minimum Output to Output: 70 dB minimum
RF Input Power	+30 dBm average (Hot Switched)
Switching Speed	20 milliseconds (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC at 47-63 Hz
Remote Control	Ethernet (10/100) and RS-232
Manual Control	Keypad and LCD Display
Remote Commands	Set Path (SPx y) Read Input (RIx) Read Output (ROx) Identification (IDN) Change Baud Rate (CBx)
Baud Rates (RS-232 Mode)	9600, 19200, or 38400 Baud
RF Connector	SMA female
Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-5631

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/01/2008		TRS 05/01/2008				
15916	05/28/2008	A	TRS 05/28/2008				
16179	08/07/2008	B	TRS 08/07/2008				