Frequency Range	400−7125 MHz
Configuration	4 x 4 Blocking Matrix (see block diagram 092−7300) (Unused Input ports are terminated) (Unused Output ports are terminated) (all ports are bi−directional) (the ADMIN password is located on rear panel)
Enclosure Type	19 inch rack mount @ 2 RU high
Impedance	50 Ohms nominal
RF Connector	N or SMA female
VSWR	2.0:1 maximum 1.6:1 typical
Insertion Loss	11 dB maximum 4.0 dB typical @ 400MHz 9.5 dB typical @ 7125MHz
Isolation	Input to Input: 90 dB typical / 80 dB minimum Input to Output: 90 dB typical / 80 dB minimum Output to Output: 90 dB typical / 80 dB minimum
RF Input Power	+26 dBm maximum
Switching Speed	10 microseconds (after command is received and processed) (3 milliseconds typical processing time)
Manual Control	20−Button Keypad and LCD display (IP Address configurable via keypad) (Net mask configurable via keypad) (Gateway configurable via keypad) (Baud rate configurable via keypad)
Remote Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS−232 (up to 115200 Baud)

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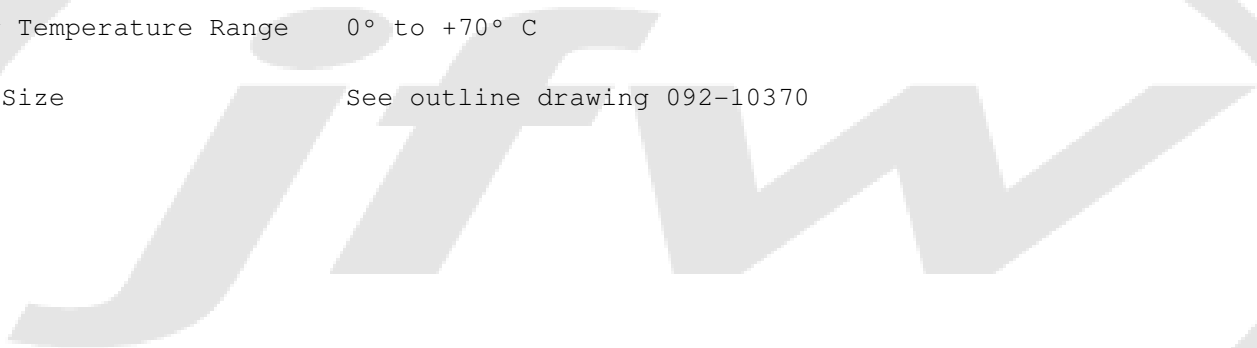|	
Remote Commands	Matrix Commands: Matrix, Set Input, Set Output, Read Input, Read Output, Read All Inputs, Read All Outputs, Read Matrix Paths
	System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt
Startup/Default States (configurable)	All ports OFF at startup (see MATRIX command) DHCP enabled (see NET command) 4 Ethernet users (see NET command) Prompts off (see PROMPT command) All of these default settings can be changed by user. Unit can be configured for up to 12 Ethernet users.
AC Supply	100-240 VAC @ 47-63 Hz
Operating Temperature Range	0° to +70° C
Physical Size	See outline drawing 092-10370

ECR/ECN # DATE	REV APPR / DATE	ECR/ECN # DATE	REV APPR / DATE
10/28/2024	TRS 10/28/2024		

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