

SPECIFICATION SHEET

JFW MODEL 50SA-287

SWITCH ASSEMBLY

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

Frequency Range	DC-18 GHz
Configuration	Two Individually controlled 1P8T Self-Terminating Electro-mechanical RF Switches
Impedance	50 Ohms nominal
VSWR	1.2:1 maximum DC-4 GHz 1.3:1 maximum 4-8 GHz 1.4:1 maximum 8-12.4 GHz 1.5:1 maximum 12.4-18 GHz
Insertion Loss	0.2 dB maximum DC-4 GHz 0.3 dB maximum 4-8 GHz 0.4 dB maximum 8-12.4 GHz 0.5 dB maximum 12.4-18 GHz
Isolation	80 dB minimum DC-4 GHz 75 dB minimum 4-8 GHz 70 dB minimum 8-12.4 GHz 60 dB minimum 12.4-18 GHz
RF Input Power (cold switched)	120 Watts average DC-4 GHz 90 Watts average 4-8 GHz 70 Watts average 8-12.4 GHz 60 Watts average 12.4-18 GHz
	*Internal Terminations rated at 2 Watts average maximum.
Switching Speed	15 milliseconds (after command is received and processed) (3 milliseconds typical processing time)
Remote Control (switchable)	Ethernet (10/100, TCP/IP, 4 users) RS-232 (9600,19200,38400 baud)
Remote Commands	Set Switch (SSx y) Read Switch (RSx) Identification (IDN)
	x = Switch Number (1-2) y = Port Number (0-8) (0 = ALL OFF)

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AC Supply	100-240 VAC @ 47-63 Hz
RF Connector	SMA female
Control Connector	RJ-45 (Ethernet) DE-9S (RS-232)
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-6917



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	03/28/2011		BAC 03/28/2011				