

SPECIFICATION SHEET
JFW MODEL 50PMA-030
TRANSCEIVER TEST SYSTEM

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

Frequency Range	200-2500 MHz
Configuration	8 Port Transceiver Test System (See Block Diagram 092-5910)
Impedance	50 Ohms nominal
VSWR	1.8:1 maximum
Insertion Loss	34 dB nominal @ 200 MHz 37 dB nominal @ 2500 MHz
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Accuracy (guaranteed monotonic)	1, 2, 4 and 8 dB ± 0.5 dB 16, 32 and 64 dB ± 0.5 dB or 2% (whichever is greater)
Power Divider Isolation	18 dB minimum (Port to Port same divider)
RF Input Power	+30 dBm average
Switching Speed	2 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz
Remote Control	RS-232 (9600, 19200, or 38400 Baud) Ethernet (TCP, 10/100, up to 4 users)
Manual Control	20-button keypad and backlit LCD display
Remote Commands	Attenuator Control Commands: Set Attenuator, Set Attenuator with Response, Read Attenuator, Set All Attenuators, Read All Attenuators, Set Multiple Attenuator, Fade Attenuator, Variable Handover, Store, Recall System Commands: Identification, Pause -RS-232 Only: Change Baud -Ethernet Only: Disconnect, Close, Message, Clear
RF Connector	SMA female

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Temperature Range

Operating: 0°C to +70°C
Storage: -55°C to +85°C

Physical Size

See outline drawing 092-6641



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/23/2010		CLK 07/23/2010				