

**SPECIFICATION SHEET**  
**JFW MODEL 50PMA-031**  
**TRANSCEIVER TEST SYSTEM**

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

Frequency Range	30-3000 MHz
Configuration	6 Port Transceiver Test System with 2 RF Hubs (See Block Diagram 092-6680)
Impedance	50 Ohms nominal
VSWR	1.8:1 maximum < 1.6:1 typical
Insertion Loss	24 dB nominal @ 30 MHz 30 dB nominal @ 3000 MHz
Attenuation Range	0-63 dB in 1 dB steps
Attenuation Accuracy (guaranteed monotonic)	$\pm 0.3$ dB                      1-7 dB $\pm 0.5$ dB or 2%            8-63 dB (whichever is greater)
RF Input Power	+20 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)
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

**--CONTINUED--**

**SPECIFICATION SHEET**  
**JFW MODEL 50PMA-031**  
**TRANSCEIVER TEST SYSTEM**

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

Temperature Range

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

Physical Size

See outline drawing 092-6679



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/04/2010		CLK 08/04/2010				
19343	10/28/2010	A	CLK 10/28/2010				
20538	09/06/2011	B	CLK 09/06/2011				