

SPECIFICATION SHEET
JFW MODEL 50PA-420
LC HANDOVER TEST SYSTEM

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

Frequency Range	800-2200 MHz
Configuration	8 x 2 LC Handover Test System (See block diagram 092-5588)
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Accuracy	± 0.4 dB or 2% of programmed (whichever is greater)
Insertion Loss (ANT1-ANT8 to J1 or J2)	15.5 dB nominal at 800 MHz 18.5 dB nominal at 2200 MHz
Power Divider Isolation	25 dB minimum
RF Input Power	+20 dBm average +30 dBm (no damage)
Switching Speed	5 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz
Manual Control	Keypad and LCD display
Remote Control	Ethernet (10/100) and RS-232
Remote Commands	Variable Handover (VHND Av Aw Vx Vy Tz) Feedback Handover (FHND Av Aw Vx Vy Tz) Fade Attenuator (FAx y z t) Feedback Fade (FFAx y z t) Pause (PAUSEx) Set Attenuator (SAx y) Read Attenuator (RAx) Change Baud Rate (CBx) Identification (IDN)
RF Connector	SMA or N female
Operating Temperature Range	0°C to +50°C

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Physical Size

See outline drawing 092-5589



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/30/2008		TRS 04/30/2008	16179	08/07/2008	C	TRS 08/07/2008
15916	05/28/2008	A	TRS 05/28/2008				
15969	06/04/2008	B	TRS 06/04/2008				