

SPECIFICATION SHEET
JFW MODEL 50PA-560
HANDOVER TEST SYSTEM

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

Frequency Range	700-3000 MHz
Configuration	4 x 8 Handover System (unit is bi-directional) See Block Diagram 092-6344
Impedance	50 Ohms nominal
VSWR	1.7:1 maximum
Insertion Loss	20 dB nominal @ 700 MHz 23 dB nominal @ 3000 MHz
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Accuracy	± 0.5 dB or 2% (nominal) ± 0.75 dB or 2% (maximum) (whichever is greater) (guaranteed monotonic)
Isolation	40 dB minimum (Input to Input) 30 dB minimum (Output to Output)
RF Input Power	+20 dBm average
Switching Speed	5 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

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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

N female

Temperature Range

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

Physical Size

See outline drawing 092-6343

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/10/2009		CLK 12/10/2009				
18137	01/22/2010	A	CLK 01/22/2010				