

**SPECIFICATION SHEET**  
**JFW MODEL 50PMA-075**  
**TRANSCEIVER TEST SYSTEM**

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Frequency Range	2-6 GHz						
Configuration	6 Port Transceiver Test System (See Block Diagram 092-7697)						
Impedance	50 Ohms nominal						
VSWR	1.8:1 maximum						
Insertion Loss	38 dB maximum						
Attenuation Range	0-95 dB in 1 dB steps						
Attenuation Accuracy (guaranteed monotonic)	<table><tr><td>± 0.50 dB</td><td>1-7 dB</td></tr><tr><td>± 1.00 dB</td><td>8-11 dB</td></tr><tr><td>± 1.25 or 4%</td><td>12-95 dB</td></tr></table> (whichever is greater)	± 0.50 dB	1-7 dB	± 1.00 dB	8-11 dB	± 1.25 or 4%	12-95 dB
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Power Divider Isolation	20 dB minimum (Port to Port same divider)						
RF Input Power	+30 dBm average						
Switching Speed	4 microseconds typical (after command is received & processed) (3 milliseconds typical processing time)						
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 Path, Read Path, 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						

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