

SPECIFICATION SHEET
JFW MODEL 50PMA-015
TRANSCEIVER TEST SYSTEM

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Frequency Range	1000-2000 MHz
Configuration	4 Port Transceiver Test System (See block diagram 092-5093)
Impedance	50 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32, and 64 dB
VSWR	1.6:1 maximum
Attenuation Accuracy	± 0.4 dB or 2% of programmed (whichever is greater)
Insertion Loss	17.0 dB maximum 13.0 dB typical @ 1000 MHz 15.5 dB typical @ 2000 MHz
Isolation (Power Dividers)	20 dB minimum (port to port)
RF Input Power	+24 dBm average
Switching Speed	10 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz
Remote Control	Ethernet (10/100)
Remote Commands	Pause (PAUSEx) 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) Set Attenuator (SAx y) Read Attenuator (RAx) Identification (IDN)
RF Connector	SMA or N female
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-5092

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