

SPECIFICATION SHEET
JFW MODEL 50PA-300
PROGRAMMABLE ATTENUATOR ASSEMBLY

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Frequency Range	500-2500 MHz
Configuration	Eight solid-state programmable attenuators
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32 and 64 dB
Attenuation Accuracy	± 0.5 dB or 2% of programmed (whichever is greater)
Insertion Loss	6 dB maximum 2 dB typical @ 500 MHz 5 dB typical @ 2500 MHz
Switching Speed	5 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
RF Input Power	+20 dBm average
Manual Control	Keypad and LCD display
Remote Control	Ethernet (10/100) and RS-232
Remote Commands	Handover (HNDx y t) Variable Handover (VHND Av Aw Vx Vy Tz) Fade Attenuator (FAx y z t) Set Attenuator (SAx y) Read Attenuator (RAx) Change Baud Rate (CBx) Identification (IDN)
RF Connector	SMA female
AC Supply	100-240 VAC @ 47-63 Hz
Operating Temperature Range	0° to +50° C
Physical Size	See outline drawing 092-5100

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/13/2006		TRS 04/13/2006	15916	05/28/2008	C	TRS 05/28/2008
13824	02/01/2007	A	TRS 02/01/2007	16179	08/07/2008	D	TRS 08/07/2008
15503	03/07/2008	B	TRS 03/07/2008				