

SPECIFICATION SHEET

JFW MODEL 50PA-1001

BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY

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Frequency Range	200-6000 MHz
Configuration	Single solid-state programmable attenuator
Enclosure Type	Benchtop
Impedance	50 Ohms nominal
Attenuation Range	0-95 dB in 1 dB steps
VSWR	2.0:1 maximum
Attenuation Accuracy (guaranteed monotonic)	± 0.50 dB 1-3 dB ± 0.75 dB 4-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 4% 12-95 dB (whichever is greater)
Insertion Loss	8.8 dB maximum 4.0 dB typical @ 200 MHz 4.5 dB typical @ 700 MHz 8.2 dB typical @ 6000 MHz
RF Input Power*	+27 dBm average +33 dBm (no damage)
Switching Speed	4 microseconds typical (after command received and processed) (3 milliseconds typical processing time)
AC Supply	110-240 VAC @ 47-63 Hz
Remote Control	GPIB
Remote Commands	SA - Set Attenuator RA - Read Attenuator IDN - Identification
Manual Control	Toggle switches and LED indicators
RF Connector	SMA female
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-8597

* Units shipped before 10/5/2017 (date code 1740) are only rated at +20dBm maximum. The JFW date code is a four digit code (YYWW) that follows the six digit serial number. For example date code 1908 is the 8th week of 2019.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/29/2016		CLK 03/29/2016	29857	10/02/2019	C	TRS 10/03/2019
28159	10/05/2017	A	CLK 10/05/2017				
28495	02/09/2018	B	TRS 02/09/2018				