

**SPECIFICATION SHEET**  
**JFW MODEL 50BR-001**  
**BENCH TOP ROTARY ATTENUATOR**

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Frequency Range	DC-2000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-110 dB in 1 dB steps
VSWR	1.3:1 maximum DC-1000 MHz 1.5:1 maximum 1000-1500 MHz 1.7:1 maximum 1500-2000 MHz
Attenuation Accuracy	± 0.3 dB or 1% DC-500 MHz ± 0.5 dB or 2% 500-1000 MHz ± 0.5 dB or 3% 1000-1500 MHz ± 0.5 dB or 4% 1500-2000 MHz
Insertion Loss	1.0 dB maximum DC-1000 MHz 1.5 dB maximum 1000-2000 MHz
RF Input Power	2 Watts average 1000 Watts peak
Operating Temperature Range	-20°C to +85°C
Direction of Rotation	Attenuation increases in a Clockwise direction
Indexing	30 degrees with stops at Minimum and maximum
RF Connector	BNC, TNC, N or SMA female
Physical Size	See outline drawing 092-050-01

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/24/1994			14197	05/21/2007	C	TRS 05/21/2007
2837	11/26/2001	A		17408	07/10/2009	D	TRS 07/10/2009
9999	05/05/2003	B	TRS 02/24/2004				