

**SPECIFICATION SHEET**

**JFW MODEL 50BR-001**

**BENCH TOP ROTARY ATTENUATOR**

JFW Industries, Inc.  
Phone: 317-887-1340  
sales@jfwindustries.com  
www.jfwindustries.com

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  
(whichever is greater)

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

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

Operating Temperature Range  
-20°C to +85°C

Lifetime  
500,000 attenuation steps (each knob)

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	28157	10/05/2017	E	TRS 10/05/2017