

**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 1.5:1 maximum DC-1500 MHz  
1.7:1 maximum 1500-2000 MHz

Attenuation Accuracy ± 0.5 dB (1 dB steps)  
(whichever is greater) ± 0.5 dB or 4% (10 dB steps)

Insertion Loss 1.5 dB maximum  
0.8 dB typical @ 1000 MHz  
1.3 dB typical @ 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
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
14197	05/21/2007	C	TRS 05/21/2007	33650	09/18/2024	F	TRS 09/18/2024