

**SPECIFICATION SHEET**

**JFW MODEL 50BR-008**

**BENCH TOP ROTARY ATTENUATOR**

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Frequency Range DC-2200 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-80 dB in 1 dB steps

VSWR 1.3:1 maximum DC-1000 MHz  
1.6:1 maximum 1000-2200 MHz

Attenuation Accuracy ± 0.5 dB (1 dB steps)  
(whichever is greater) ± 0.5 dB or 3% (10 dB steps)

Insertion Loss 1.2 dB maximum  
0.4 dB typical @ 1000 MHz  
0.8 dB typical @ 2200 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, SMA or N female

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

Lifetime 500,000 attenuation steps (each knob)

Outline Drawing Numbers 092-536 (50BR-008 BNC)  
092-7444 (50BR-008 SMA)  
092-10380 (50BR-008 BNC/SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	05/05/2003	A	TRS 02/24/2004	28157	10/05/2017	D	TRS 10/05/2017
20874	11/09/2011	B	TRS 11/09/2011	33650	09/18/2024	E	TRS 09/18/2024
21889	09/06/2012	C	TRS 09/06/2012	33736	11/11/2024	F	TRS 11/11/2024